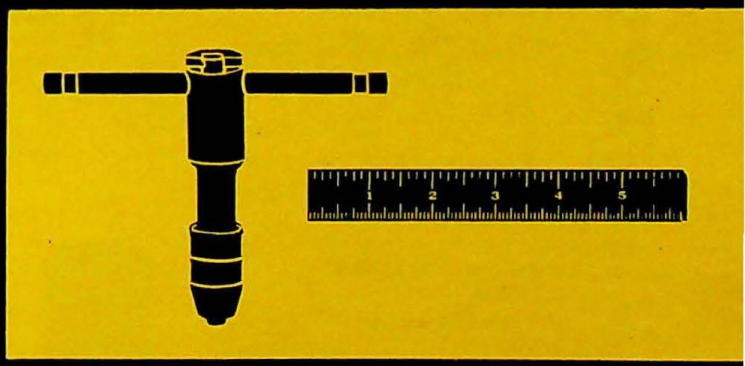
No. 78-B

GENERAL®

TOOLS



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GENERAL HARDWARE MANUFACTURING CO. INC. NEW YORK, N. Y. 10013 U.S.A.

PERMANENT ALNICO MAGNETS

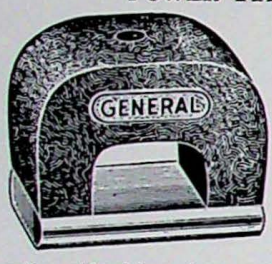
POCKET HORSESHOE TYPE

A small but powerful inspection magnet. Has many uses such as retrieving small steel parts, screws, etc. from hard-to-get places. With keeper.

No.	Size, oz.	Approx. pull, lbs.	No. in box	Each
370-1	1	2¾	12	$
371-½	½	1	12	

Individually carded, twelve in a box.

POWER TYPE



Have a strong magnetic pull. Used for lifting holding, sorting, clamping or retrieving steel or iron parts. Hole in top permits attaching to conveyors, racks, welding jigs, etc. With keeper.

No.	Size, oz.	Approx. pull, lbs.	No. in box	Each
*370-2	2	13	6	$
*370-3	3	17	6	
*370-4	4	22	4	
*370-6	6	30	3	
370-8	8	32	1	
370-10	10	35	1	
370-12	12	40	1	
370-16	16	54	1	
370-24	24	70	1	

*Individually carded.

Specifications

No.	Width in.	Ht. in.	Depth, in.	Pole width, in.	Opening between poles, in.
370-1	⅞	1	5/16	5/16	¼
370-2	1 1/16	¾	¾	¼	5/16
370-3	1 5/16	1⅜	⅝	⅜	5/16
370-4	1½	1	1	5/16	⅞
370-6	1¾	1⅛	1⅛	5/16	⅞
370-8	2 3/16	1 11/16	11/16	½	1 3/16
370-10	2 7/16	2	11/16	⅝	1 3/16
370-12	2⅝	2¼	11/16	⅝	1⅜
370-16	3	2½	11/16	¾	1½
370-24	2½	1 11/16	1⅞	⅝	1⅜

DISPLAY ASSORTMENT

Contains six 1 oz., two 2 oz. and one each 4 and 6 oz. magnets.

No.	Per box
AS-1370-10	$

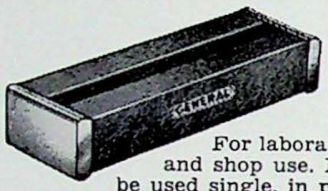
PERMANENT ALNICO MAGNETS

BUTTON TYPE

Small but powerful magnets with almost unlimited applications such as magnetic fasteners, displays, bulletin boards, retrieves, etc. For holding maps, tickets, etc. to auto dash, machines, etc. Has a center hole for easy fastening. With keeper.

No.	Diam. in.	Ht. in.	Pull lbs.	No. in box	Each
372-A	½	⅜	1¼	12	$
372-B	¾	½	2¾	6	
372-C	1	⅝	4	6	
372-D	1¼	¾	14	3	
372-E	1½	⅞	18½	3	

BAR TYPE



For laboratory and shop use. May be used single, in pairs or end to end in multiples. Two bars in a set; dimensions are for single bars. With keepers.

No.	Size, in.	Per set
373-½	½" round x 2"	$
373-2	⅜x⅝x2	
373-3	⅜x⅝x3	

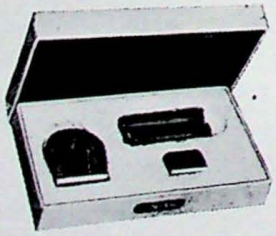
One set in a box.

POT TYPE

Used on similar applications as Button Magnets, but more powerful. With keepers. With ¼"-20 tapped hole.

No.	Diam. in.	Ht. in.	Pull lbs.	No. in box	Each
374-A	11/16	⅝	6	6	$
374-B	13/16	¾	10	3	
374-C	1 1/16	1	18	3	
374-D	1⅜	1 3/16	35	3	

MAGNET LABORATORY KITS

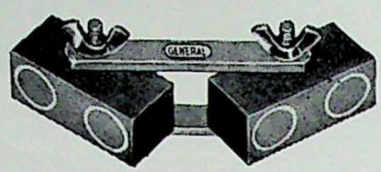


Kit contains 3 oz. horseshoe magnet, small ½ oz. bridge magnet and two 2x½ in. diameter bar magnets.

No.	Per kit
390	$

One kit in a box.

MAGNETIC ADJUSTABLE WELDING LINKS

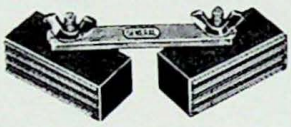


For welding and holding steel plates in position. Two heavy duty Alnico magnetic blocks 2 in. long by 1 in. square, linked together with two nickel plated bars with wing nuts for easy angle adjustment.

For holding steel plates in position for welding, brazing, etc. Eliminates clamps or temporary fastening.

No.	Per set
375	$

One set in a box.



Magnetic welding links for holding steel parts for welding, brazing, etc. Wing nut adjustment. No clamps needed. Two heavy duty magnetic blocks, 2⅜ in. long by 1⅛ in. square, linked together for easy adjustment.

No.	Per set
375-X	$

One set in a box.

MAGNETIC STRIP

Flexible, adhesive-backed magnetic strip, easily cut with scissors or knife. Will hold small metal objects. For use at home, office, shop, car, etc. Adheres to most smooth surfaces.

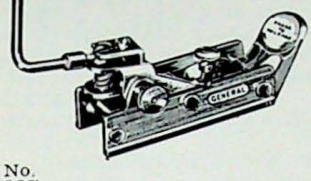
Available in four sizes—all 1/16" thick.

No.	Size	Each
366	1/2" x 30"	$
367	1/2" x 10 ft.	
368	1" x 30"	
369	1" x 10 ft.	

Individually carded.

MAGNETIC HOLDERS

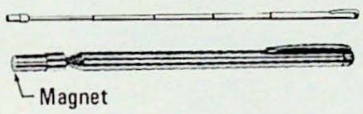
For use with dial indicators, inspection mirrors, magnifiers, spray mist oil lines, etc. With fine adjustment screw and non-magnetic stainless steel bar. Strong 50 lb. pull, with instant release lever.



No.	Each
387	$

One in a box.

TELESCOPING MAGNETIC PICK-UP



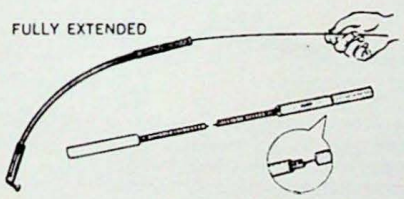
With Pocket Clip

A very handy magnetic retriever. Small, 6 in. long yet extends to 24 in. Nickel plated.

Individually carded.

No.	No. in box	Each
383-X (24")	6	$

MAGNETIC PICK-UP TOOLS



Unique combination stiff and flexible magnetic pickup for retrieving screws, nuts, tools and other steel parts. Extends from 18 to 32 in. by reversing stiff inner wire section and threading it into handle.

Individually carded.

No.	No. in box	Each
384	6	$

MAGNETIC NAIL HOLDERS

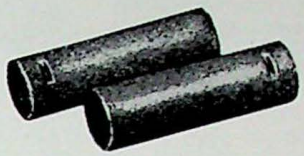
A handy brad and nail holder, prevents possible injury. Can be used as a magnetic retriever of small steel parts.

Individually carded.

No.	No. in box	Each
386	6	$

NOTCHED TYPE ALNICO MAGNETS

ROUND BAR

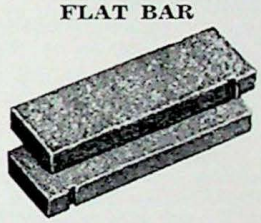


Two Permanent Alnico Round Bar Magnets are notched to show direction of pole.

Sold in pairs.

No.	Diam., in.	Lgth., in.	Per pair
393-A	1/4	13/16	$
393-B	5/16	1	
393-C	3/8	1 13/16	

FLAT BAR

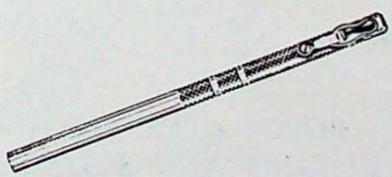


Two Permanent Alnico Flat Bar Magnets are notched to show direction of pole.

Sold in pairs.

No.	Size, in.	Per pr.
394-A	1 3/16 x 3/8 x 1/16	$
394-B	1 9/16 x 1/2 x 1/16	
394-C	2 3/8 x 5/8 x 1/16	

MAGNETIC PICKUP



With Pocket Clip

A very handy pocket tool for all machinists, service men, and mechanics. For retrieving small tools, nuts, bolts, etc. Ideal for removing chips from drilled holes.

Individually carded or Display carded. 12 to a box. (Specify)

No.	Wt. ea., oz.	Each
385	1	$

TOOLMAKERS'

SURFACE GAGES

Hardened and ground steel base—bottoms grooved for cylindrical work—front recessed for depressing spindle below base line. Spindle arm and scribes adjustable and securely locked in position to any angle.

With scriber point and two spindles.

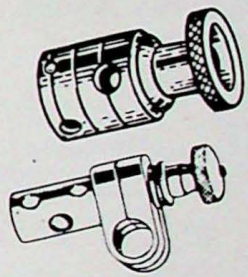
Small Size

No.	Spindles, in.	Base, in.	Each
398	4 & 7	2 1/8 x 1 9/16 x 3/4	$

Large Size Universal

399	9 & 12	3 1/2 x 2 1/2 x 1	$

SURFACE GAGE SLEEVE AND CLAMP ATTACHMENTS



Designed for holding dial indicators, scribers, small and large diameter rods, etc. Exclusive design covers all standard diameters, Hole sizes are self - aligning for quick insertion.

Surface Gage Sleeve

5/16 and 3/8 in. diam. holes for spindles.

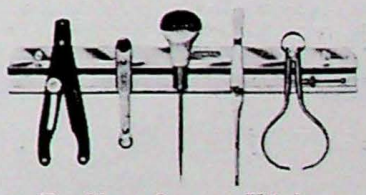
No.	Each
397-SGS	$

Surface Gage Clamp Attachments

5/32, 1/4 and 3/16 in. diam. scriber or indicator holes.

No.	Each
399-CA	$

MAGNETIC TOOL RACKS



For Shop, Garage, Kitchen

Just the thing for kitchen knives and many other utensils. Keeps tools handy, safe and within easy reach. May be mounted in parallel for holding extra large or heavy tools.

Attractively finished in chrome plate, with screws for attaching to wall, work bench or pegboard.

No.	Size, in.	No. in box	Each
1250	12x2	6	$

Individually carded.

SAFETY UTILITY KNIVES
REPLACEABLE BLADE

Complete with 3 super sharp carbon steel blades. Preferred by industry and craftsmen for cutting fiberboard, wallboard, linoleum, roofing and many other materials. The ideal shipping room knife.

Individually packed for pegboard or counter display.

No.	No. in box	Each
850	6	$

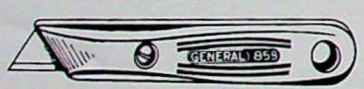
SAFETY UTILITY KNIVES
PUSH BUTTON SLIDE LOCK

Three cutting positions. Safely closed when not in use. For cutting and scoring fiberboard, wallboard, matboard, roofing, linoleum, veneer, plaster board, etc.

Individually packaged for pegboard or counter display with 5 extra super sharp alloy steel heavy duty blades.

No.	No. in box	Each
855	6	$

HI-IMPACT PLASTIC UTILITY KNIVES



Lightweight, Hi-Impact A.B.S. plastic handle knife with three replaceable standard double point blades.

A very handy replaceable blade knife for home or shop.

Individually carded for peg-board display.

No.	No. in box	Each
858	12	$

GENERAL®

FOR FINE QUALITY POPULAR PRICED TOOLS

UTILITY KNIFE BLADES

Extra Blades

For all General knives.

Standard Duty

No.	Thick., in.	No. in pkg.	Pkgs. in ctn.	Per pkg.
851-5	.017	5	10	$
851-100	.017	100	1	

Heavy Duty

852-5	.025	5	10	$
852-100	.025	100	1	

DOUBLE HOOK BLADES

For vinyl, linoleum, roofing and other similar materials.

Heavy duty blades with fully sharpened cutting edges assure fast and easy cutting.

No.	Thick., in.	No. in pkg.	Pkg. in box	Per pkg.
857-5	.025	5	10	$
857-50	.025	50	1	

ADJUSTABLE

FILE AND TOOL HANDLES

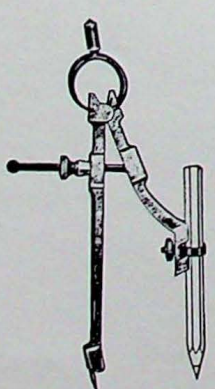
Holds files, tang-handled tools, hack saw blades, reamers, etc.

Exclusive self-equalizing hardened steel jaws grip the entire length of inserted tang, providing a firm grip. Large, quick-adjusting, knurled knob assures easy, positive locking.

Individually carded.

No.	No. in box	Each
890	12	$

PENCIL COMPASSES DIVIDERS AND SCRIBERS



Adjustable to 8 in. diameter. For pencil or ball point pen.

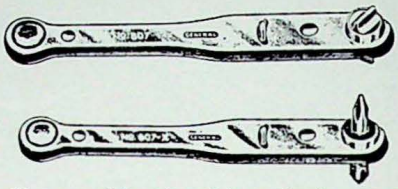
Spring tension adjustment. Precision cast.

For draftsmen, students, artists, carpenters and other craftsmen.

Individually carded for counter or pegboard.

No.	No. in box	Each
842	12	$

OFFSET SCREW DRIVERS
RATCHET



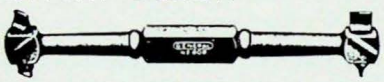
For reaching hard-to-get-at screws. Ratchet sets instantly to forward or reverse position.

	Each
No. 807—¼ and ⅜ in. straight blades	$
No. 807-X—Nos. 1 and 2 crosspoint blades	
No. 807-SX—Straight and crosspoint blade	

Individually carded, six in a box.

4-WAY

OFFSET SCREW DRIVERS

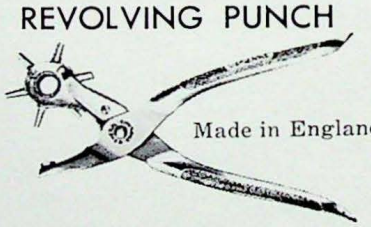


Conforms to Govt. Specs.

For reaching hard-to-get-at screws, or where extra leverage is desired. Four ¼ in. tool steel blades at four different angles for close quarters.

No.	OA, in.	No. in box	Each
808	5¼	6	$

REVOLVING PUNCH



Made in England

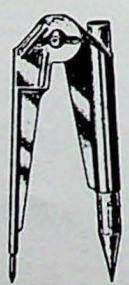
Handy spring opening punch plier, for punching round holes in leather, cardboard, plastics, rubber, canvas and other similar materials.

Has 6 punches, sizes $\frac{5}{64}$, $\frac{3}{32}$, $\frac{7}{64}$, ⅛, $\frac{5}{32}$, and $\frac{3}{16}$ in. diameter.

Individually packed in plastic sleeve.

No.	No. in box	Each
72	6	$
RP-72 Replacement Punches	1	

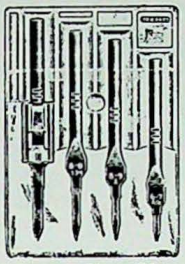
PENCIL COMPASS AND SCRIBER



Easy wing nut adjustment. Full length steel pin assures rigidity. Made of brass plated steel. Preferred by carpenters, floor layers and other craftsmen for scribing and contour marking.

No.		Each	Per card
843/1	Individually carded	$	$
843/12	One doz. on Display card		

COUNTERSINK AND SCREW DRILL SETS



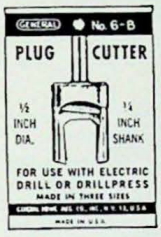
Accurate screw holes can be quickly and easily drilled with power or hand drill or brace.

Set consists of 4 most popular size bits and adjustable depth gauge for making flush countersink or plug-depth holes. For Nos. 6, 7, 8, 9, 10 or 12 screws. A companion tool to No. 6 plug cutter.

In snap-button plastic case mounted on individual card, with instructions.

No.	No. in box	Each
S-10	6	$

PLUG CUTTERS



Plugs of similar or contrasting wood are quickly and easily made; fit perfectly. Made to desired thickness on drill press or with portable drill. All have ¼ in. round shank.

No.	Diam., in.	No. in box	Each
6-A	⅜	6	$
6-B	½	6	
6-C	⅝	6	

May be assorted, six in a box.

ADJUSTABLE SCREW-DRILLS

Drills, countersinks and counterbores in one operation. Adjustable to all standard length screws.

Made in 4 sizes.

Individually carded, six in a box.

No.	For wood screws, Nos.	Each
30-6A	5, 6, 7	$
30-8B	7, 8, 9	
30-10C	9, 10, 11	
30-12D	11, 12, 14	

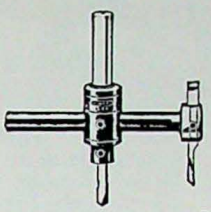
DIE STOCKS

Sturdy zinc die-cast body. Dies securely held by set screw.

For 1 inch round dies.

No.	Lgth., in.	No. in box	Each
174	9	3	$

CIRCLE CUTTERS

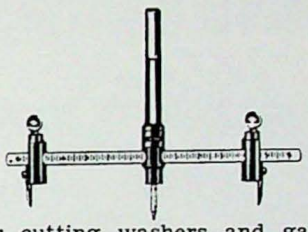


Heavy duty; ½ in. round shank for drill press use. Complete with ¼ in. high speed steel tool bit and ¼ in. drill. For cutting steel, other metals, plastics, wood, etc.

No.	Cap., in.	No. in box	Each
55	1¾ to 8	1	$

Extra H.S. Cutter Bit Available
Extra ¼ in. Drill Available

WASHER AND GASKET CUTTERS

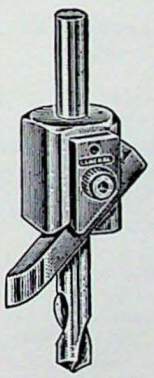


For cutting washers and gaskets from rubber, asbestos packing, fiber, copper and other soft materials. Has two adjustable tool steel blades and center pilot pin. Combination round and square shank permits use in drill press, hand drill or brace.

No.	Cap., in.	No. in box	Each
11	½x6½	1	$

Extra Cutter Blades Available

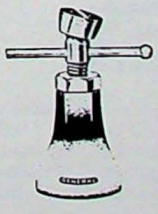
HOLE CUTTERS



Adjustable tool steel cutter for cutting wood, metals, plastics, fibreglass, hardboards, etc. Has high speed steel blade and pilot drill.

No.	Cap., in.	No. in box	Each
8	⅞ to 1½	1	$
9	1¼ to 2½	1	

MACHINISTS' JACKS

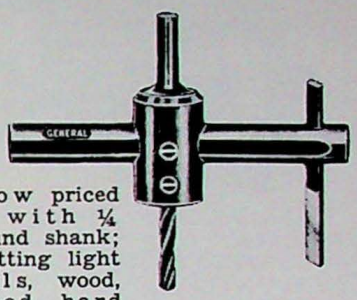


A shop tool with-hundreds of uses. Has a tested lifting capacity of over 1000 lbs. Made of heavy cast steel; adjustable screw and tilting swivel head. Adjusting pin and lock nut for permanent positioning.

1 in. adjustment.

No.	Min. ht., in.	Max. ht., in.	No. in box	Each
7	3	4	6	$

CIRCLE CUTTERS

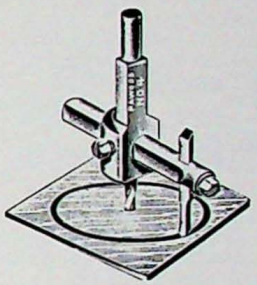


A low priced cutter with ¼ in. round shank; for cutting light metals, wood, plywood, hard rubber, plastic, etc. With ⅜ in. ground steel bit and 1¼ in. drill.

Individually carded.

No.	Cap., in.	No. in box	Each
3	1¼ to 4	6	$

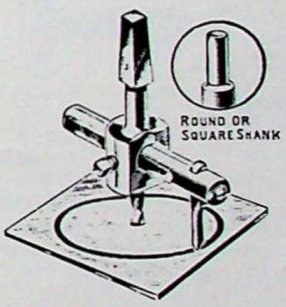
Extra 3/16 in. Blade Available



Combination round and square shank for chuck or bit brace. With tool steel bit and drill. For cutting metal, wood, plywood, plastic, etc. With ⅜ in. bit and 1¼ in. drill.

No.	Cap., in.	No. in box	Each
4	⅞ to 4	6	$

Extra 3/16 in. Blade Available



A favorite for over 30 years. For cutting holes in metal, plastic, wood, hardboard, etc. Complete with ⅛ in. high carbon steel bit, ¼ in. pilot drill and Allen key.

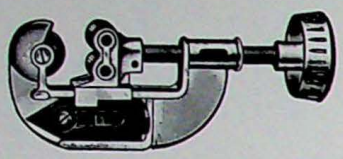
Capacity 1 in. up to 5½ in.

No.	Shank	No. in box	Each
5A	Square	6	$
5B	⅛" Round	6	
5C	½" Round	6	

Extra 3/16 in. Blade Available

GENERAL®
FOR
FINE QUALITY
POPULAR PRICED
TOOLS

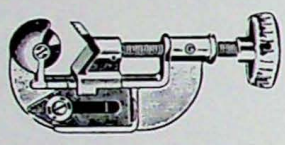
TUBING CUTTERS



The original and genuine precision cast tubing cutter, preferred by both professional mechanics and home craftsmen. Tool steel cutter wheel and two friction-eliminating flare-groove rollers. Slide-lock tool steel reamer. Silver Lustre finish.
Individually packaged.

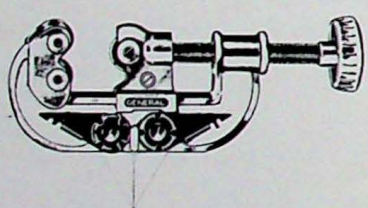
No.	Cap. tube, in.	No. in box	Each
120	⅛ to 1⅛	6	$

	Each
RW-121—Replaceable tool steel cutter wheel for all General Cutters	$



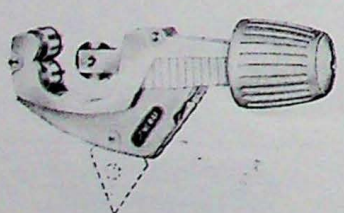
Moderately priced tubing cutter with genuine tool steel cutter wheel and tool steel slide-lock reamer. V-block tube holder and thumb-screw feed.
Individually packaged.

No.	Cap. tube, in.	Each
122	⅛ to 1	$



Heavy duty precision cast cutter with tool steel cutter wheel, two hardened flare-groove rollers and duplex retractable tool steel reamer.

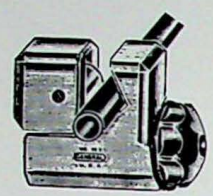
No.	Cap. tube, in.	Each
125	¼ to 1½	$
126	¼ to 2	



Enclosed feed cutter with two tool steel cutter wheels; an extra cutter is stored in the Spin-Fast knob. Two flare-groove steel rollers and tool steel retractable reamer. Designed for best performance and conforms to Federal Specs.
Individually packaged.

No.	Cap. tube, in.	Each
128	⅛ to 1⅛	$

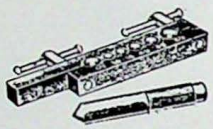
TUBING CUTTERS



New Midget enclosed feed cutter for hard-to-get-at places. Needs only 1¼ in. clearance. Has tool steel cutter wheel, and a capacity of ⅛ to ⅝ in. O.D. tubing. Weighs only 3 ounces.
Individually boxed for Peg-Board, packed 6 to a display card, or 6 to a box. (Specify).

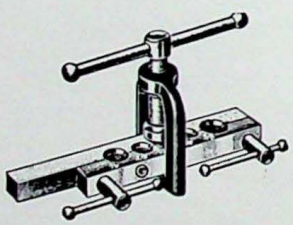
No.	Cap. tube, in.	No. in box	Each
123	⅛ to ⅝	6	$

TUBE FLARING TOOLS



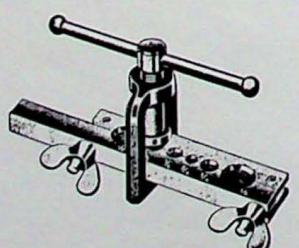
With hand punch. Cadmium plated $\frac{5}{16}$ in. steel bars with slide bar screws. Hardened knurled hand punch.
Individually boxed.

No.	Cap. tube, in.	Each
140	3/16, ¼, 5/16, ⅜, ½, ⅝	$



With screw yoke. Cadmium plated $\frac{5}{16}$ in. steel bars with slide-bar screws. Screw yoke has a plated free-wheeling flaring cone for smoother and quicker flaring.
Individually boxed.

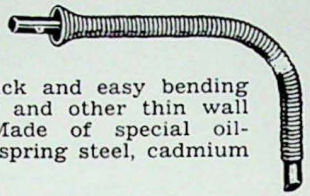
No.	Cap. tube, in.	Each
150	3/16, ¼, 5/16, ⅜, ½, ⅝	$



With quick opening bars and screw yoke. Heavy duty wing nuts permit quick opening of the nickel plated $\frac{9}{16}$ in. steel bars. Screw yoke with plated free-wheeling cone permits quicker and smoother flaring.
Individually boxed.

No.	Cap. tube, in.	Each
155	3/16, ¼, 5/16, ⅜, ½, ⅝	$

TUBING BENDERS



For quick and easy bending of copper and other thin wall tubing. Made of special oil-hardened spring steel, cadmium plated.

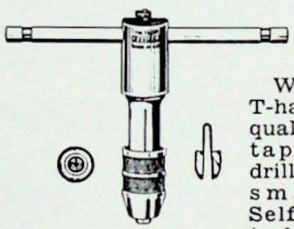
No.	For tube, in.	Length, in.	No. in box	Each
100-¼	¼	10½	6	$
100-5/16	5/16	10½	6	
100-⅜	⅜	10½	6	
100-7/16	7/16	12	6	
100-½	½	12	6	
100-⅝	⅝	12	6	

In Sets

Set contains one each of the above sizes in a plastic bag.

No.	Per set
S106	$

TAP WRENCHES

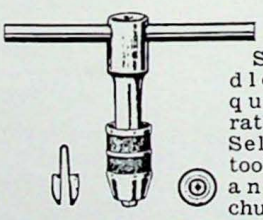


Ratchet

With sliding T-handle. Finest quality; holds taps, reamers, drills and other small tools. Self-equalizing tool steel jaws and knurled chuck sleeve.
Individually boxed.

No.	Tap cap., Nos. and in.	Lgth., in.	Each $
160-R	0 to 8 (1.6 to 4 mm)	2¾	
161-R	0 to ¼ (1.6 to 6.3 mm)	3½	
162-R	12 to ½ (6 to 12.5 mm)	4¼	

Replacement Jaws Available

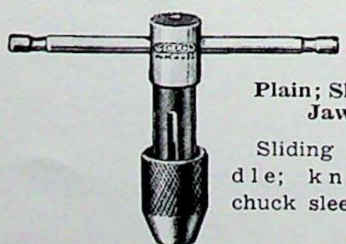


Plain

Sliding T-handle. The finest quality non-ratchet wrench. Self-equalizing tool steel jaws and knurled chuck sleeve.
Individually boxed.

No.	Tap cap., Nos. and in.	Lgth., in.	Each $
163	0 to 8 (1.6 to 4 mm)	2¼	
164	0 to ¼ (1.6 to 6.3 mm)	2¾	
166	12 to ½ (6 to 12.5 mm)	3¾	

Replacement Jaws Available

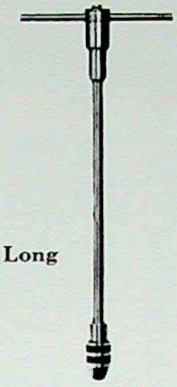


Plain; Slotted Jaw

Sliding T-handle; knurled chuck sleeve.

No.	Tap cap., Nos. and in.	Lgth., in.	No. in box	Each
180	0 to 10	2⅝	4	$
181	12 to 5/16	3 1/16	3	
182	¼ to ½	3⅞	2	

TAP WRENCHES

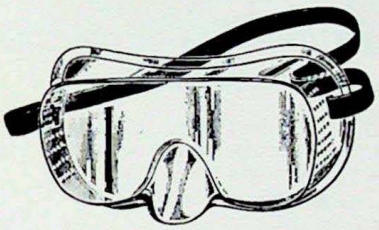


For work in inaccessible areas

No.	Tap Capacity	Lgth.	Each
166-L (Plain)	12-½ 6-12.5mm	13"	$
161-RL (Ratchet)	0-¼ 1.6-6.3mm	13"	

GOGGLES

ONE-PIECE



For protecting eyes from flying particles when sawing, sanding, grinding, spraying. Impact resistant to flying particles. May be worn over prescription glasses.

No.	No. in box	Each
931	12	$
*931-PB	12	

Individually boxed or
* Carded for pegboard display.

SOFT-FLEX

Conforms to OSHA.
Molds to contour of face, protecting eyes from dust, spray and other particles while sanding, grinding, spraying, etc. Large replaceable lenses. Impact resistant to flying particles. May be worn over prescription glasses.

No.	No. in box	Each
932	6	$
*932-PB	6	
RL-932 Replacement Lens	6	

Non-Fogging Goggles

*930-PB	6	1	$

Individually boxed or
* Carded for pegboard display.

FACE SHIELDS

TILTING VISOR

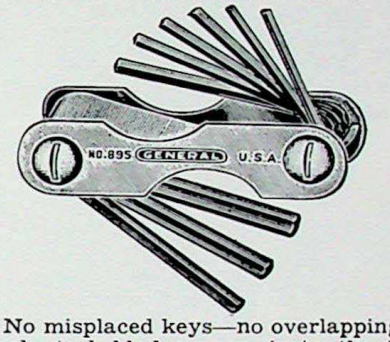
Non-shatterable, aluminum edged plastic shield protects face and eyes while chipping, grinding, welding, sawing, etc. Attached to sturdy all-plastic frame. Foam plastic sweat band and friction hinge visor. Conforms to OSHA.

No.	Size, in.	No. in box	Each
933-6	6	1	$
933-8	8	1	

Replacement Visor

RV-933-6	6	6	$
RV-933-8	8	6	

HEX WRENCH SETS



No misplaced keys—no overlapping. Tool steel blades open instantly to desired position.

Each

No. 894—.050, 1/16, 5/64, 3/32, 7/64, 1/8, 9/64, 5/32 and 3/16 in. $

No. 895—5/64, 3/32, 7/64, 1/8, 9/64, 5/32, 3/16, 7/32 and 1/4 in.

No. 897-mm 7 Key Metric set, 1.5, 2, 2.5, 3, 4, 5 and 6 mm $

HEX WRENCH SETS

Most popular size hex wrenches, made of uniformly heat treated alloy tool steel. Both ends chamfered for easy insertion. Nine sizes in a snap-button case.

Per set

No. S-896—5/64, 3/32, 7/64, 1/8, 9/64, 5/32, 3/16, 7/32 and 1/4 in. $

No. S-899-mm—7 key metric set, 1.5, 2, 2.5, 3, 4, 5 and 6 mm

TAP WRENCHES

STRAIGHT HANDLE

Adjustable

Tool steel jaws are easily opened by turning knurled handle.
Packed 3 to a box.

No.	Tap cap., Nos. or in.	Lgth., in.	Each
170	1/16–¼ (0–14)	7	$

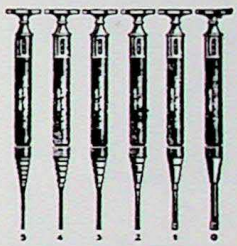
JEWELERS' SCREW DRIVER KITS

GENERAL
JEWELERS SCREWDRIVER KIT
PROFESSIONAL TYPE • SWIVEL HEAD • SCREW CHUCK
FOR EYEGLASSES • WATCHES • CAMERAS
ELECTRONIC INSTRUMENTS • FISHING REELS
HOBBY and OTHER MINIATURE ASSEMBLIES
MADE IN U.S.A.

For modelmakers, home craftsmen. Handy vinyl case contains swivel head, nickel plated holder, screw chuck, 3 screw driver blades, one Crosspoint blade and one scratch awl.
Individually carded.

No.	Kits in box	Per kit
SPC-606	6	$

JEWELERS' SCREW DRIVERS



Conforms to Govt. Specs.
For jewelers, instrument makers and sub-miniature parts assemblers.
Swivel head, ¼ in. body diameter, 2 in. long over all.
Screw chucks have identification rings showing blade size.

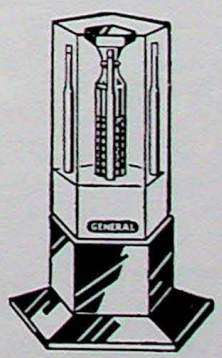
No.	Width blade, in.	No. in box	Each
600-0	.100	6	$
600-1	.080	6	
600-2	.070	6	
600-3	.055	6	
600-4	.040	6	
600-5	.025	6	

In Sets of Six Per set

No. S-600—In box; wt. set 4 oz. $
No. SPC-600—In plastic case;

Replacement Blades

Set of 6—Assorted Per set $
Straight Sizes—6 in a pkg. Per doz.



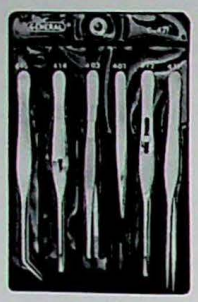
For home mechanic and hobbyist. A single swivel head screw driver with five interchangeable blades including .040, .055, .070 and .100 inch straight blades and a crosspoint.

Six sets in a box.

Per set

No. S-605—In plastic case $

TWEEZER SETS



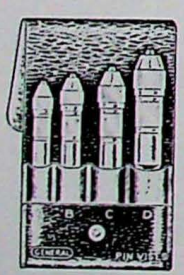
Six nickel plated tweezers in attractive clear vinyl pouch. Consists of one each of Nos. 401XX, 403, 412, 414, 415 and 417. Set individually boxed.

No. C-421 Each $

Five nickel plated tweezers in attractive clear vinyl pouch. Consists of one each of Nos. 407, 408, 410, 413 and 416. Set individually boxed.

No. C-422 Each $

PIN VISES



Spring tempered tool steel collets and adjustable threaded collar firmly grip small objects. Hollow handle for long wire or rods. Nickel plated.

In Sets

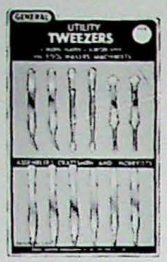
One each Nos. 94-A, 94-B, 94-C and 94-D in a vinyl case.

No.	No. in set	Per set
S-94	4	$

Open Stock Sizes

No.	Range, in.	Range, mm.	Each
94-A	0–.055	.0 to 1.40mm	$
94-B	.025–.075	.64 to 1.91mm	
94-C	.045–.125	1.14 to 3.20mm	
94-D	.110–.187	2.80 to 4.75mm	

Six in a box.



TWEEZERS

Utility nickel plated tweezers for mechanics, craftsmen and hobbyists.

Utility display consists of 12 assorted tweezers — 2 No. 407, 2 No. 408, 3 No. 410, 3 No. 413 and 2 No. 416.

No.	Per card
C-419	$

One display card in a box.

Industrial nickel plated tweezers for toolmakers, servicemen, electronic assemblers, etc.

Industrial display consists of 12 assorted tweezers — 2 each of Nos. 401-XX, 403, 412, 414, 415, 417.

No.	Each
C-420	$

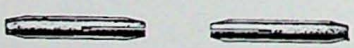
One display card in a box.

Open Stock—12 to a Box

No.	Size, in.	Description	Each
401XX	4½	Strong sharp points	$
403	6	Blunt serrated points	
405	4¾	Slide lock	
407	4	Blunt points	
408	4¼	Sharp bent points	
409	6	Soldering	
410	4¼	Narrow sharp points	
411	4¾	Self-closing	
412	6½	Slide-lock, blunt points	
413	4¼	Sharp points	
414	6½	Self-closing blunt serrated points	
415	6½	Curved points	
416	4½	Spade points (for stamps, etc.)	
417	6½	Straight points	

PIN VISES

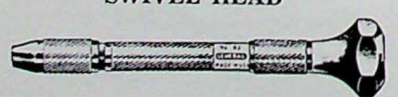
DOUBLE END



One double-end reversible collet on each end of body, each having a screw chuck. Total range of sizes from .0 to .125 in. or .0 to 3.2mm. For holding small drills, burrs, wires and miniature tools.

No.	OA, in.	Dia., in.	No. in box	Each
90	3¾	1/16	6	$

SWIVEL HEAD



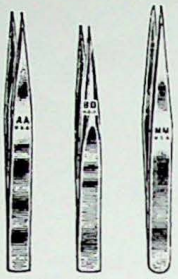
Has two double-end collets with a capacity of .0 to .125 in. or .0 to 3.2mm. Screw chuck tightly holds small drills, burrs, wire and miniature tools.

No.	No. in box	Each
92	6	$

Individually carded.

TWEEZERS

PRECISION CRAFTSMAN BOLEY STYLE



AA BB MM

Nickel plated; hardened points. Suitable for radio, television and other repairs. Also used by jewelers, watchmakers, instrument assemblers, etc.

No. 401-AA—5 in. long, strong bevel point Each $

No. 401-BB—4½ in. long, light, fine, hollow point

No. 401-MM—5⅛ in. long, very fine point

Individually packed in plastic cases, six in a box.

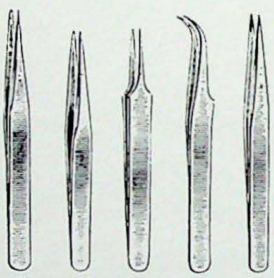
SLIDE-LOCK TWEEZER INSPECTION OR PARTS-HOLDING

401-L

Nickel plated, with double file-cut serrated points and finger-grip ribs. Slide-lock holds parts firmly.

No.	Length, in.	No. in box	Each
401-L	5¾	6	$

SWISS OR DUMONT STYLE



3 3C 4 7 11

Swiss or Dumont style, for electronic, computer instrument, radio and other small or sub-miniature assembly, servicing and repairs. Light tension, hardened points.

The Final Number or Letter of each catalog number is the international designation through years of use.

Stainless Steel

No.	Point	Length, in.	Each
423-3	Very fine	4⅝	$
423-3C	Very fine	4⅛	
423-4	Extra fine	4¼	
423-7	Curved fine	4½	

Non-Magnetic Stainless Steel

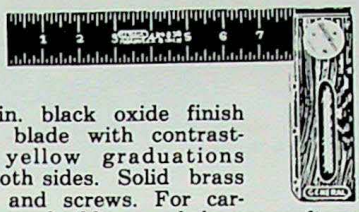
NM-425-3C	Very fine	4⅛	$
NM-425-4	Extra fine	4¼	

Non-Magnetic Silicon Bronze

NM-425-11	Very fine	4⅝

Individually packed in plastic cases, six in a box.

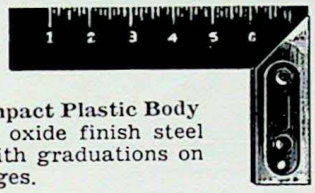
TRY SQUARE



8 in. black oxide finish steel blade with contrasting yellow graduations on both sides. Solid brass trim and screws. For carpenters, builders and home craftsmen who want the best. Brass edged rosewood finish handle.

No.	Blade, in.	No. in box	Each
830	8	4	$

TRY AND MITRE SQUARE

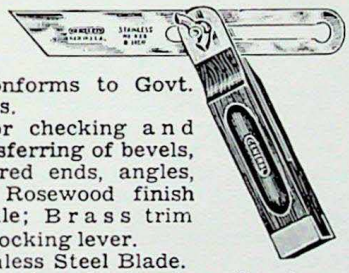


High Impact Plastic Body

Black oxide finish steel blade with graduations on both edges.

No.	Blade, in.	No. in box	Each
831	7½	6	$

SLIDING T-BEVELS

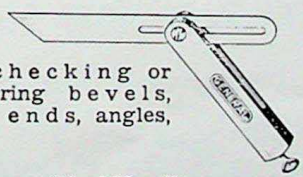


Conforms to Govt. Specs.

For checking and transferring of bevels, mitered ends, angles, etc. Rosewood finish handle; Brass trim and locking lever. Stainless Steel Blade.

Finest professional quality; for carpenter and home craftsman.

No.	Blade, in.	No. in box	Each
829	8	4	$



For checking or transferring bevels, mitered ends, angles, etc.

Steel Handle

Nickel plated steel handle, Stainless Steel Blade.

No.	Blade, in.	No. in box	Each
834	8	3	$

Plastic Handle

High impact plastic handle. Steel blade and brass locking nut.

No.	Blade, in.	No. in box	Each
833	8	6	$

MAGNETIC LEVEL, PROTRACTOR, SQUARE AND PITCH GAUGE

A new, ingenious, non-breakable level, protractor square and pitch gauge for all mechanics and the home craftsman.

Instantly adjustable.

Individually carded with instructions.

No.	No. in box	Each
849	6	$
849-mm (Metric)	6	

PLUMBS AND LEVELS

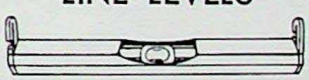
3-WAY

"Make your own level." Attaches to any length straight board. For use as a temporary level. Especially desirable for masons and cement workers. Adjustable; bottom edge magnetized. Size 4¾x3x½ in.

Individually carded.

No.	No. in box	Each
844	6	$

LINE LEVELS

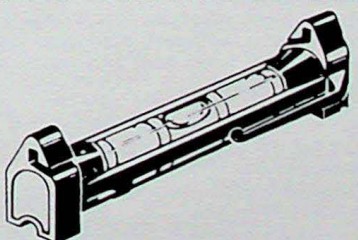


Moderate in price, yet well made of aluminum, natural finish. Weighs less than an ounce; will not sag line.

Individually carded.

No.	Length, in.	No. in box	Each
846	3	12	$

MULTI VIEW HI-LO LINE AND SURFACE LEVELS



Easy Reading from Top, Bottom or Sides

Light weight—no line sag. Grooved bottom for pipe, etc. Has convenient pocket clip. Made of Hi-impact Cycolac. 3 in. long, ½ in. diam. Individually carded for pegboard. Weight 1 oz.

No.	No. in box	Each
848	6	$

PLUMB BOBS

Made of hexagon drawn steel, polished and nickel plated.

Removable cord cap.

Conforms to Govt. Specs.

No.	Wt., oz.	Lgth., in.	Hex Wdth., in.	No. in box	Each
790-5	5	3⅜	¾	6	$
790-8	8	4	⅞	3	
790-12	12	4½	1	2	

SOLID BRASS

Conforms to Govt. Specs. Type I, Class B.

Hardened steel point has standard 10-32 threads. Removable self-centering brass cord cap.

Made in all popular sizes.

Individually packed in strong, reusable screw cap containers.

No.	Size oz.	Lgth., in.	Diam., in.	Each
800-6	6	4¼	1 1/16	$
800-8	8	4½	1 3/16	
800-10	10	4¾	1 5/16	
800-12	12	5	1⅜	
800-16	16	5¾	1½	
800-24	24	6½	1 11/16	
800-32	32	7¼	1⅞	

Replacement Parts Each

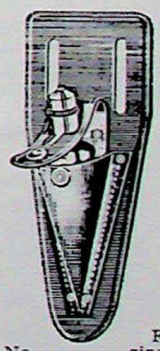
No. 800-P—Old style 10-24 thread point $

No. 800-NP—New style 10-32 thread point

No. 800-C—Cord Cap

PLUMB BOB SHEATHS

SOLID LEATHER



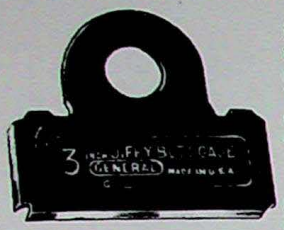
Made of heavy, first quality cowhide. Stitched and reinforced with brass rivets for rugged use.

Snap-button retaining strap securely holds plumb bob. Two belt slots.

Individually boxed.

No.	For sizes, oz.	Each
801-A	6–8	$
801-B	10–12	
801-C	16–24	
801-D	32	

BUTT MARKING GAGES



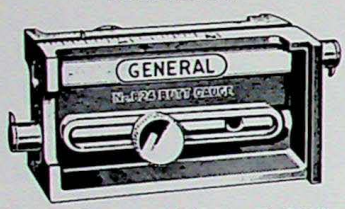
For locating and marking positions of butts on doors and door jambs.

Just position and strike with hammer; chisel out wood within marked space. Forged steel with ground edges.

Made in 3 sizes.

No.	Size, in.	Each
823-3	3	$
823-3½	3½	
823-4	4	
823-4½	4½	

Individually packed in plastic container, six in a box; may be assorted.



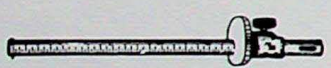
For marking position and thickness of butts on doors and door jambs, locating of locks, lock strikes, etc.

Has three separate adjustable hardened markers for hanging a number of doors without changing gage dimensions.

No.	No. in box	Each
824	5	$

Individually boxed, with instructions.

MARKING GAGES

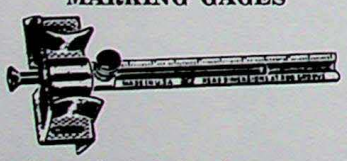


Die cast head with 6 in. nickel plated steel adjustable bar graduated in 16ths. Needle point markers are easily replaced.

Single Bar

No.	No. in box	Each
820	1	$

ADJUSTABLE MARKING GAGES



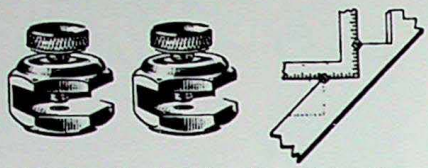
Easily adjusted for fast and accurate marking on wood plastics, hardboards, linoleum and other materials. Tool steel blade retracts into cast aluminum body when not in use. 5 in. arm is graduated in 16ths.

No.	No. in box	Wt. ea., oz.	Each
821	5	5	$
Graduated in Millimeters			
821-mm	5	5	$

Individually carded.

STAIR GAGES

BRASS



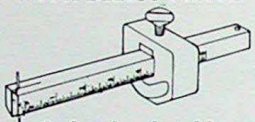
Easily attached to all metal rafter squares. For repetitive work such as angle cuts on rafters, stair stringers, etc., assuring fast and uniform layout.

No.	Per pair
803	$

One pair on a card, six cards in a box.

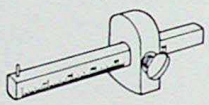
WOOD MARKING GAGES

WITH BRASS PLATE



Made of hard, durable, selected beechwood. Solid brass face plate, thumb screw, shoe and stop screw. 6″ scale grad. in 16ths. 8¾″ long. Made in England.

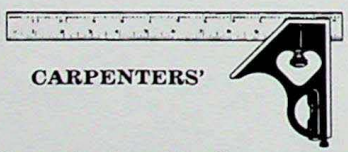
No.	No. in box	Each
1600	3	$



Marking Gage made of selected hardwood. Plastic thumb screw. 6″ scale grad. in 16ths. 8¾″ long. Made in England. Packed one on a card.

No.	No. in box	Each
1610	6	$

COMBINATION SQUARES



Carpenters' combination square with 12x1 in. nickel plated steel blade, graduated one side in 8ths and 16ths and the other in 16ths and 32nds. Cast iron head machined and enameled, has hair-line level and scriber.

No.	No. in box	Each
812	1	$

Graduated in millimeters and inches.

813-me	1	¾	$

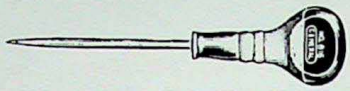
UTILITY STYLE

Carpenters' combination square for the handyman and home craftsman. Has 12x1 in. steel blade graduated in 8ths, 16ths, and 32nds. Heavy zinc cast blade has level glass and scriber.

Individually carded for pegboard display.

No.	No. in box	Each
811	2	$

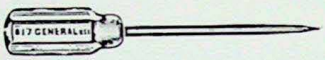
SCRATCH AWLS



No. 814—3½ in. forged alloy steel blade runs through handle; with plated steel ferrule. 6¼ in. long. Meets Gov't. Specs.

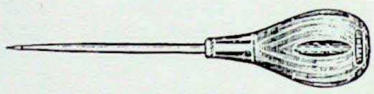
No. 816—3½ in. alloy steel blade and plated ferrule. Flatted sides prevent rolling.

No.	No. in box	Each
814	6	$
816	6	



Alloy steel blade firmly attached to durable plastic handle. 3½ in. blade, 5¾ in. long over all.

No.	No. in box	Each
817	6	$



Finest quality. Full length alloy steel blade runs through hardwood fluted handle and is securely fastened to both the plated steel ferrule and cap. 3¾ in. blade, 6½ in. long over all.

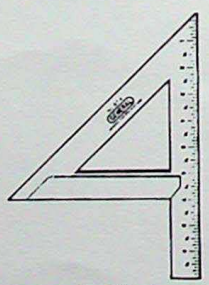
No.	No. in box	Each
818	6	$

ALL STEEL AWL AND ALIGNING TOOL

A heavy duty scribing and aligning tool designed for electricians, metal workers and other mechanics for lining up screw and bolt holes in conduit, outlet boxes, switch plates and other assemblies. Also used as a rugged scriber, scoring and punching awl. Made of heat treated hexagon tool steel. 9 in. long.

No.	No. in box	Each
819	3	$

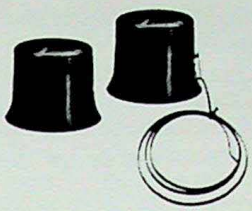
TRY AND MITRE SQUARE



Heavy gauge, nickel plated steel; graduated in ⅛ in. on both sides. Welded cross beam permits quick squaring and mitering in either right or left hand position. A handy tool for carpenter, woodworker and home craftsman.

No.	No. in box	Each
804	6	$

EYE LOUPES



For toolmakers, jewelers, instrument assemblers and others who need sharp, clear visibility without eye strain or fatigue. Lenses made of clear, ground and polished optical glass. 1 in. diam. lens.

Without Head Band

No.	Power	Focus, in.	No. in box	Each
*527	5	2	6	$
*528	4	2½	6	
530	2.5	4	6	

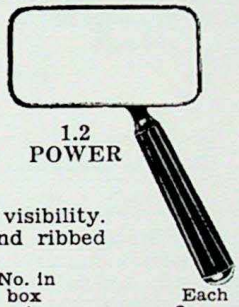
With Head Band

HB527	5	2	1	$

*Individually carded.

READING GLASSES

RECTANGULAR

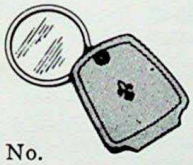


For home and office. Powerful, ground and polished glass lens having an 8 in. focal length and full column visibility. Plastic frame and ribbed handle.

1.2 POWER

No.	Size, in.	No. in box	Each
548	4x2	1	$

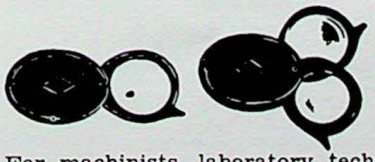
POCKET MAGNIFIERS



Handy 2.5 power ground and polished optical glass lens. For purse or pocket.

No.		No. in box	Each
531	(Leather) 6 on Display card	1 card	$
532	(Sim. Leather) Individ. carded	6	

FOLDING MAGNIFIER



For machinists, laboratory technicians, students and others who have need for a powerful inspection magnifier. Individually boxed.

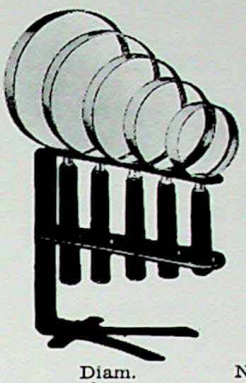
Single Lens

No.	Diam., in.	Power	No. in box	Each
533	1	5	6	$
534	1¼	4	6	

Double Lens

536	1	10	6	$
537	1¼	8	6	

READING GLASSES



Magnifies small or fine print for easy reading. Lenses are ground and polished optical glass. With metal rims and ribbed plastic handles.

No.	Diam. lens, in.	Power	No. in box	Each
540	2	1.4	1	$
541	2½	1.4	1	
542	3	1.4	1	
543	3½	1.2	1	
544	4	1.2	1	
545	4½	1.2	1	

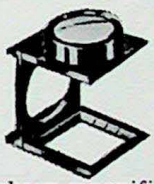
Assortment

10 reading glasses with a metal display stand and 2 each, Nos. 541 to 545.

No.	Per assortment
S-546-10	$

One assortment in a box.

LINEN TESTERS



Powerful flat folding magnifier with ¼ in. graduations on base for easy counting of threads per inch, etc. Used by the textile, printing and other trades where a sharp magnified image is desired.

No.	Power	No. in box	Each
LT-565	4	1	$

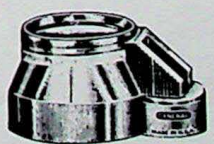
MAGNETIC MAGNIFIERS

Powerfully ground and polished 1 in. optical lens. Swivels in any direction on the magnetic base. Magnifier can be removed from base and attached to steel rules, instruments, machines, etc.

No.	Power	No. in box	Each
552	4	6	$

Individually boxed.

SCALE

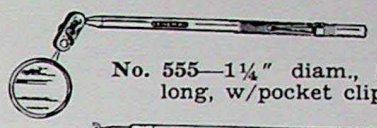


For easy reading and undistorted view of fine scale graduations and figures. Magnetic base attaches itself to steel rules, calipers, gauges, etc. Has a 1 in. lens.

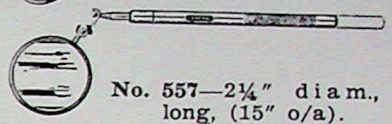
No.	Power	No. in box	Each
550	5	6	$

Individually carded.

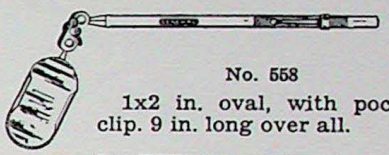
INSPECTION MIRRORS



No. 555—1¼" diam., 8½" long, w/pocket clip.

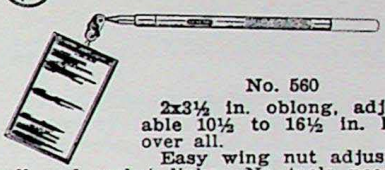


No. 557—2¼" diam., 7" long, (15" o/a).



No. 558

1x2 in. oval, with pocket clip. 9 in. long over all.



No. 560

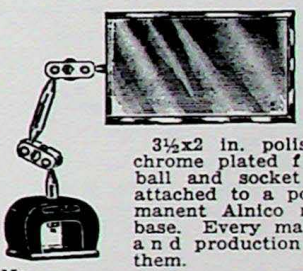
2x3½ in. oblong, adjustable 10½ to 16½ in. long over all.

Easy wing nut adjusting ball and socket links. No tools needed. Bevel edge polished mirrors, chrome plated frames and adjusting arms.

No.	Size, in.	Length, in.	Each
555	1¼	8¼	$
557	2¼	9 to 15	
558	1 x 2	9	
560	2 x 3½	10½ to 16½	

Individually boxed or carded; specify.

MAGNETIC BASE INSPECTION MIRROR



3½x2 in. polished mirror, chrome plated frame with ball and socket adjustment, attached to a powerful, permanent Alnico magnetic base. Every machine shop and production plant needs them.

No.	Each
MB-560	$

Individually boxed.

DESK MAGNIFIERS

On Metal Base

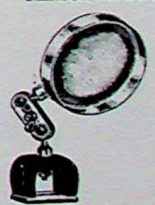
For home, school, laboratory and industry. 2 in. ground and polished lens; ball and socket adjustment.

1.4 POWER

No.	Each
567-2	$

Individually boxed.

MAGNETIC BASE MAGNIFIER



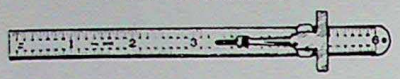
Every machine shop and production plant has need for them. 2½ in. diameter powerful ground glass lens, with ball and socket adjustment. On a permanent Alnico magnetic base.

1.4 POWER

No.	Each
MB-567-2½	$

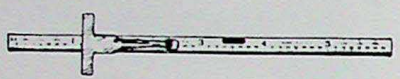
Individually boxed.

STEEL RULES
No. 300 SERIES



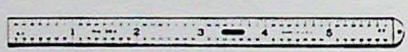
With Pocket Clip; Stainless Steel
32nds & 64ths on one side, decimal equivalents on back. Depth gauge pocket clip.
6 in. long, ½ in. wide.

No.		Each	Per dozen
300/1	Individually carded	$	$
300/12	One doz. on display card		
300-mm	Graduated ½mm and mm (1 side) Individually carded		



With Pocket Clip; Stainless Steel
One side graduated in 64ths and 32nds. With depth gauge pocket clip.
6 in. long, ¼ in. wide.

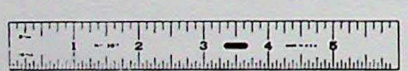
No.		Each	Per dozen
301/1	Individually carded	$	$
301/12	One doz. on display card		
301-mm	MM and 16th on one side 2 doz. to a box		



Semi-Flexible Stainless Steel
No. 305 has one side graduated in millimeters and 16ths.
6 in. long, ½ in. wide.

No.	Each	Per dozen
305-mm	$	$

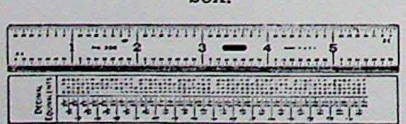
Individually carded, one dozen to a box.



Semi-Flexible Stainless Steel
No. 307 has one side graduated in 8ths and 16ths.
No. 309 has one side graduated in 32nds and 64ths.
6 in. long, ¾ in. wide.

No.	Each	Per dozen
307	$	$
309		

Individually carded, one dozen to a box.

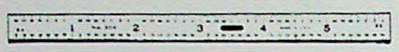


Semi-Flexible Stainless Steel
Quick-Reading 32nds and 64ths on one side, decimal equivalents on back.
6 in. long, ¾ in. wide.

No.	Each	Per dozen
308	$	$

Individually carded, one dozen to a box.

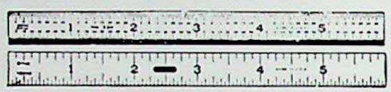
STEEL RULES
No. 600 SERIES
INDUSTRIAL



Flexible Stainless Steel
No. 602 has one side graduated in Quick-Reading 32nds and 64ths (Grad. No. 10).
6 in. long, ½ in. wide.

No.	Each	Per dozen
602	$	$

Individually enveloped, one dozen to a box.



Flexible Stainless Steel
Graduated in 10ths and 100ths on one side and in Quick-Reading 32nds and 64ths on other side (Grad. No. 5).
6 in. long, ½ in. wide.

No.	Finish	Doz. in box	Each	Per dozen
616	S.S.	1	$	$
616-CF	Chr.	½		

Individually enveloped, one-half dozen in a box.

Flexible Stainless Steel
Graduated in 10ths and 50ths on one side and in 16ths and 32nds on other side.
6 in. long, ½ in. wide.

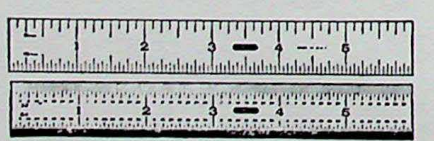
No.	Finish	Each	Per Dozen
633	S.S.	$	$
633-CF	Chr.		

Individually enveloped, one dozen to a box.

Flexible Stainless Steel
Graduated in Quick-Reading 32nds and 64ths on one side and in 8ths and 16ths on other side(Grad. No. 4).
6 in. long, ½ in. wide.

No.	Finish	Each	Per Dozen
634	S.S.	$	$
634-CF	Chr.		

Individually enveloped, one-half dozen in a box.

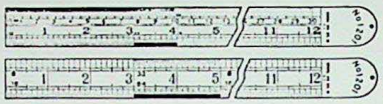


Stiff Stainless Steel
Graduated in Quick-Reading 32nds and 64ths on one side and in 8ths and 16ths on other side (Grad. No. 4).
6 in. long, ¾ in. wide.

No.	Finish	Each	Per Dozen
676	S.S.	$	$
676-CF	Chr.		

Individually enveloped, one-half dozen in a box.

STEEL RULES
No. 1200 SERIES
INDUSTRIAL



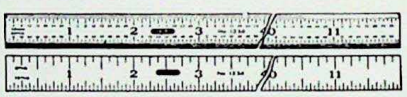
Stainless Steel Bench Rule
One side graduated in 8ths, 16ths, 32nds and 64ths and in ½ millimeters, millimeters, 16ths, 32nds and 64ths on other side.
12 in. long, ⅞ in. wide.

No.	Each	Per dozen
1201	$	$

Individually enveloped, one dozen to a box.

Flexible Stainless Steel
Graduated on one side in Quick-Reading 32nds and 64ths (Grad. No. 10).
12 in. long, ½ in. wide.

No.
1203 Same as No. 1202 with 1/2mm and mm.



Flexible Stainless Steel
Graduated in 10ths and 100ths on one side and in Quick-Reading 32nds and 64ths on other side (Grad. No. 5).
12 in. long, ½ in. wide.

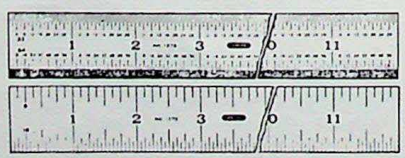
No.	Finish	Each	Per Dozen
1216	S.S.	$	$
1216-CF	Chr.		

Individually enveloped, one-half dozen in a box.

Flexible Stainless Steel
Graduated on one side in Quick-Reading 32nds and 64ths and in 8ths and 16ths on other side (Grad. No. 4).
12 in. long, ½ in. wide.

No.	Finish	Each	Per Dozen
1234	S.S.	$	$
1234-CF	Chr.		

Individually enveloped, one-half dozen in a box.

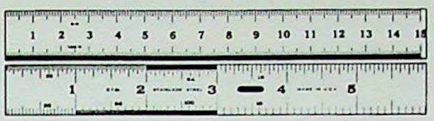


Stiff Stainless Steel
Graduated in Quick-Reading 32nds and 64ths on one side and in 8ths and 16ths on other side (Grad. No. 4).
12 in. long, 1 in. wide.

No.	Finish	Each	Per Dozen
1276	S.S.	$	$
1276-CF	Chr.		

Individually enveloped, one-half dozen to a box.

STAINLESS STEEL RULES



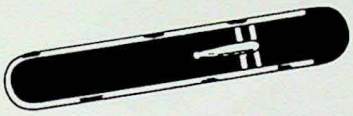
Stiff

Graduated in 32nds, 64ths, 16ths, 20ths, 50ths, 100ths and 10ths on one side and in millimeters and ½ millimeters on other side.

6 in. long, ¾ in. wide.

No.	Finish	Doz. in pkg.	Each	Per dozen
678	S.S.	1	$	$
678-CF	Chrome	½		

In individual envelopes.



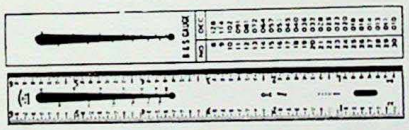
6 Inch Leather Rule Cases

Genuine leather metal bound case with pocket clip. Metal edge prevents wear of pockets.

No.	Size, in.	No. in box	Each
C-692	½	6	$
C-693	¾	6	

GENERAL

Miscellaneous rules for Hobby, Model RR, Home Craftsman, etc.



Graduated in 32nds & 64ths on one side. B & S wire gauge and dec. equiv. on other side. 6 in. long, ¾ in. wide.

No.	Doz. in box	Each	Per dozen
310	1	$	$

Comparison rule, one edge in 32nds and opposite edge in millimeters on one side. 6 in. long, ¾ in. wide.

No.	Doz. in box	Each	Per dozen
311mm	1	$	$

No.		Each	Per dozen
311-md	Same as No. 311mm with Metric, Fractional and decimal equivalents on back. Ind. carded. 1 doz. to a box	$	$

DISCONTINUED

Model RR Rule, 12" long × 1" wide. HO, S, O, N, 64ths, MM, Dec. Equivalents and Reference Table.

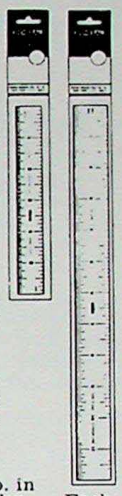
No.	Doz. in box	Each	Per dozen
1251	1	$	$

TEMPERED STEEL RULE
Stiff (Not Stainless)

Graduated in 8ths & 16ths on one side; 32nds & 64ths on other side. 6 in. long, ¾ in. wide.

No.	No. in box	Each
240	6	$

SATIN CHROME FINISH STEEL RULES



Graduated in 8ths & 16ths on one side; 32nds & 64ths on other side. (Grad. #4)

Graduated in 10ths & 100ths on one side; 32nds & 64ths on other side. (Grad. #5)

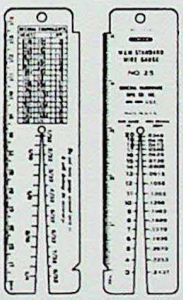
½ mm & mm on one side. 32nds & 64ths on other side. (Grad. ME)

All rules packed in header-carded plastic sleeves. (Made in England.)

Flexible

No.	Grad.	Size, in.	No. in pkg.	Each
CF-616-E	5	6x½	6	$
CF-634-E	4	6x½	6	
CF-1216-E	5	12x½	6	
CF-1805-E	5	18x¾	3	
CF-2405-E	5	24x1	3	
Stiff				
CF-676-E	4	6x¾	6	$
CF-1227-ME	ME	12x1	6	
CF-1276-E	4	12x1	6	
CF-2476-E	4	24x1	3	

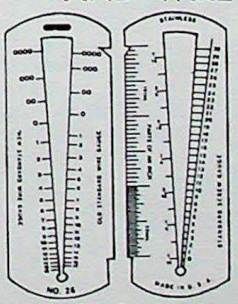
STAINLESS STEEL W & M WIRE GAGES



For gaging steel wire and rod. Etched front has Washburn and Moen standard wire gage sizes from 3 to 20 with their decimal equivalents, and a 5 in. rule in 32nds. Reverse side has fractions of an inch from 1/32 to ¼ in. with millimeter rule. Also decimal equivalents of inches and millimeters.

No.	No. in box	Each
25	3	$

STAINLESS STEEL SCREW AND WIRE GAGES



A handy gage for all screw users and distributors.

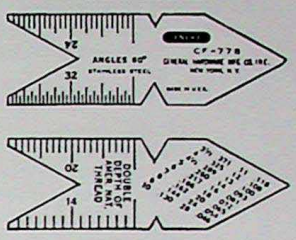
Front side graduated for American Standard wood screws #0 to #30 on one side of slot and diameters of wires or screws from 1/16 to 7/16 in. on opposite edge.

Reverse side graduated for Old or English Wire Gage (BWG) from 17 to 0000 on one edge and New Standard or American Wire Gage (AWG) from 15 to 0000 on other edge.

4 x 1⅜ in. size.

No.	No. in box	Each
26	3	$

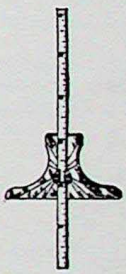
CENTER GAGES
GENERAL



U.S. Standard 60°. Etched graduations in 14ths, 20ths, 24ths and 32nds of an inch for determining number of threads per inch. Notches have clearance slots and all edges are ground.

No.	No. in box	Each
778	6	$
Chrome Plated Steel		
CF-778	6	$

DEPTH AND ANGLE GAGES
GENERAL



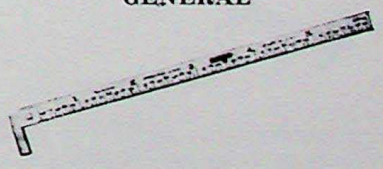
6x¼ in. stainless steel rule with 2½ in. wide hardened and ground steel base. Spring tension nut for easy depth or angle measurements.

30°, 45° and 60° settings on both sides.

Graduated in 32nds and 64ths of an inch.

No.	No. in box	Each
444	1	$
Graduated in Millimeters		
444mm	1	2 $

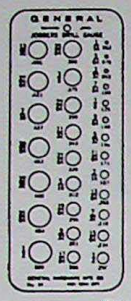
HOOK RULES
GENERAL



Stainless steel; 6 in. long. Etched on front in quick reading 64ths; in 32nds on back. Precision cast hook on one end.

No.	Width, in.	No. in pkg.	Each
H-636	⅜	3	$

AMERICAN MADE DRILL GAGES



Made of heavy gage hardened and ground carbon steel. Hole sizes and decimal equivalents permanently etched.
Individually packed.

Size 5x2 in.

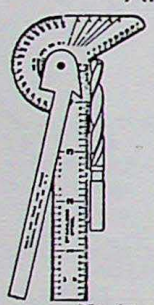
No.	For drills	No. in box	Each
12	A–Z	3	$
14	1/8–1/2	6	
15	1–60	6	
35mm	Metric (1 to 13 mm by 1/2 mm)	6	

Size 3x1 in.

13	61–80	3	1	$

MULTI-USE RULE AND GAGE

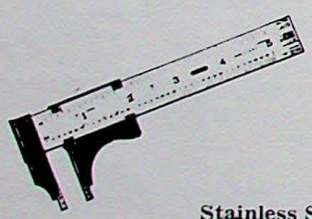
GENERAL



Made of stainless steel. Has a 4 in. rule graduated in 32nds and millimeters.
Used as a drill point gage, a square, bevel protractor and center finder; has a tap and drill table.
With vinyl pocket case.

No.	No. in box	Each
16	6	$

POCKET CALIPERS

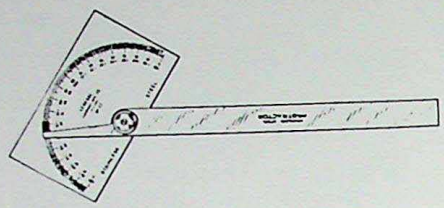


Stainless Steel
A handy pocket slide caliper with inside and outside reading in 16ths and 32nds. Decimal equivalents on back. 5 in. rule.

No.	No. in box	Each
729	6	$
729mm	16s mm	

Individually carded, six in a box.

AMERICAN MADE STEEL PROTRACTORS



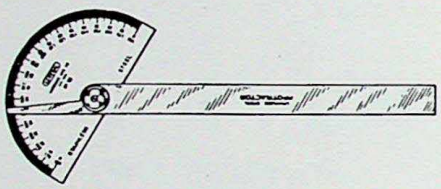
Stainless Steel; Square Head
Graduated from 0° to 180° in opposite directions. 3⅜x2 in. head. 6 in. adjustable arm set with knurled thumb nut.

Plain Finish; Individual Envelope

No.	No. in box	Each
17	6	$

Chrome Plated; In Snap Button Vinyl Case

CF-17	6	2	$

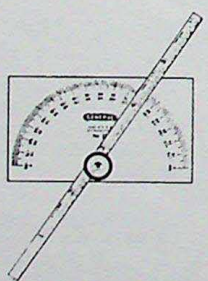


Stainless Steel; Round Head
Graduated from 0° to 180° in opposite directions. 3⅜x2 in. head. 6 in. adjustable arm locks with knurled thumb nut.

Plain Finish; Individual Envelope

No.	No. in box	Each
18	6	$

PROTRACTOR AND DEPTH GAGES



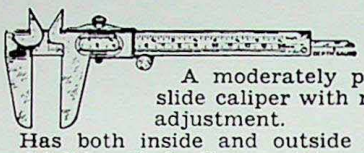
Stainless Steel
Graduated from 0° to 180° in opposite directions. Narrow 6x¼ in. depth gage rule graduated quick reading in 32nds and 64ths. Spring tension nut secures rule to depth and angle desired.
In individual vinyl case.

No.	Material	No. in box	Each
19	Stainless steel	6	$
CF-19	Chrome plated steel	6	

Rule graduated in millimeters. Otherwise same as above.

No.	Material	Each
19-mm	Stainless steel	6 $

AMERICAN MADE VERNIER CALIPERS



A moderately priced slide caliper with roller adjustment.
Has both inside and outside jaws and full length depth gage. 5 in. capacity, in 16ths and 32nds with a vernier reading of 1/128th or ½ a 64th.

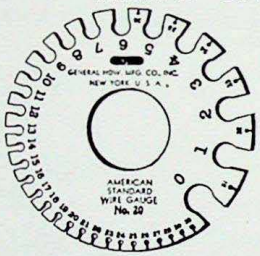
No.	No. in box	Each
721	6	$

Graduated in 16ths and millimeters. Otherwise same as above.

No.	No. in box	Each
723	6	$

In individual envelopes, with instructions.

WIRE AND SHEET METAL GAGES



Heavy gage hardened and tempered tool steel. With gage sizes and decimal equivalents.
3¼ in. diameter; ⅛ in. thick.

American Standard Wire Gage
For gaging non-ferrous wire and metal such as copper, brass, aluminum, etc.

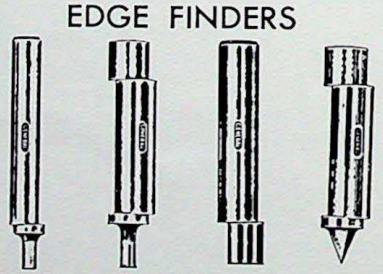
No.	No. in box	Each
20	3	$
*27-ME	3	

U.S. Standard Sheet Metal Gage
For gaging uncoated sheet, plate iron and steel.

No.	No. in box	Each
21	3	$
*28-ME	3	

In individual envelopes.
*Metric-English Decimal Equivalent

EDGE FINDERS



No. 260 No. 262 No. 263 No. 264

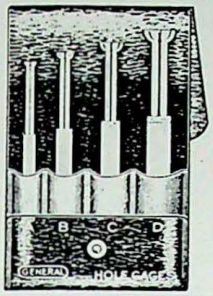
For quickly locating work edges. A moderate priced timesaving positioning tool for jig borers, milling and other machines. Precision ground.

No.	End	Size, in.	Shank, in.	Each
260	Single	.500	½	$
262	Double	.500–.200	½	
263	Single	.200	⅜	
264	Double	.200 & point	½	

In individual plastic cases.

HOLE GAGES

GENERAL HALF-BALL



For measuring inside diameters or widths of small shallow holes or grooves from ⅛ to ½", from which accurate measurements are taken with a micrometer. Heat treated and precision ground.

4 Piece Sets

One each Nos. 96-A, 96-B, 96-C, and 96-D gages in a vinyl case.

No.	Range, in.	Per set $
S-96	.125 to .500	

One set in a box.

No.	Range, in.	Each $
96-A	.125 to .200	
96-B	.200 to .300	
96-C	.300 to .400	
96-D	.400 to .500	

One in a box.

GENERAL FULL-BALL

For measuring inside diameter or width of small holes or grooves from which accurate micrometer dimensions are taken. Heat treated and precision ground.

No.	Range. in.	Each $
97-A	.125 to .200	
97-B	.200 to .300	
97-C	.300 to .400	
97-D	.400 to .500	

One in a box.

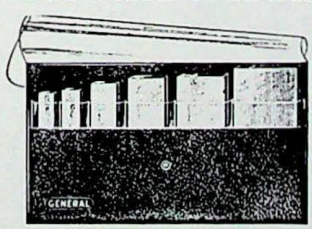
4 Piece Sets

One each Nos. 97-A, 97-B, 97-C and 97-D gages in a vinyl case.

No.	Range, in.	Per set $
S-97	.125 to .500	

One set in a box.

ADJUSTABLE PARALLELS



Precision steel castings machined and ground to close tolerances. Dovetail slot adjustment to micrometer measurement securely locked with set screws. All sizes are $\frac{5}{32}$ in. thick.

In Sets; Packed in Vinyl Case

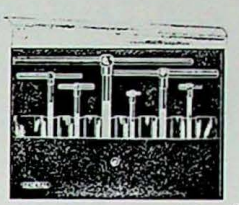
No.	No. in set	Range, in.	Per set $
S-112-4	4	⅜ to 1⅝	
S-112-6	6	⅜ to 2¼	

One set in a box.

No.	Range, in.	Each $
112-A	⅜ to ½	
112-B	½ to $\frac{11}{16}$	
112-C	$\frac{11}{16}$ to $\frac{15}{16}$	
112-D	$\frac{15}{16}$ to 1$\frac{5}{16}$	
112-E	1$\frac{5}{16}$ to 1¾	
112-F	1¾ to 2¼	

One in a box.

TELESCOPING GAGES



For measuring inside diameters, widths of holes and slots from which accurate micrometer measurements are taken. Hardened and precision ground.

In Sets; Packed in Vinyl Case

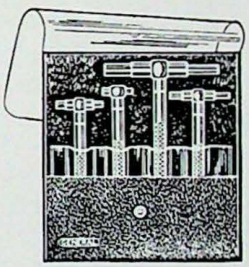
No.	Gages in set	Range, in.	Per set $
S-99-3	3	½ to 2⅛	
S-99-4	4	$\frac{5}{16}$ to 2⅛	
S-99-6	6	$\frac{5}{16}$ to 6	

One set in a box.

No.	Range, in.	Each $
99-AA	$\frac{5}{16}$ to ½	
99-A	½ to ¾	
99-B	¾ to 1¼	
99-C	1¼ to 2⅛	
99-D	2⅛ to 3½	
99-E	3½ to 6	

One in a box.

SELF-CENTERING



For measuring inside diameters, widths of holes and slots from which accurate micrometer measurements are taken.

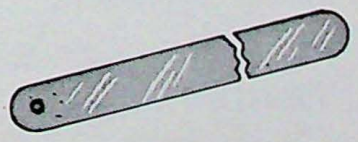
No.	Gages in set	Range, in.	Per set $
S-98-3	3	½ to 2⅛	
S-98-4	4	$\frac{5}{16}$ to 2⅛	
S-98-6	6	$\frac{5}{16}$ to 6	

One set in a box.

No.	Range, in.	Each $
98-AA	$\frac{5}{16}$ to ½	
98-A	½ to ¾	
98-B	¾ to 1¼	
98-C	1¼ to 2⅛	
98-D	2⅛ to 3½	
98-E	3½ to 6	

One in a box.

THICKNESS GAGE STOCK



Precision Swedish steel to exact tolerances. 12" long — ½" wide. Permanently etched sizes: .0015, .002, .003, .004, .005, .006, .007, .008, .009, .010, .011, .012, .013, .014, .015, .020.

No.	Each $
200 Indiv. Enveloped. Six in a package.	

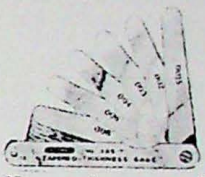
THICKNESS GAGES

Blades made of precision gage steel to exacting tolerance. Blades have sizes etched and they may be locked in position by knurled lock nut. Conform to Government Specs.

Straight Leaf
3 in. straight leaves are ½ in. wide.

No.	Leaves	Size, in.	Each $
209	9	.0015 to .015	
226	26	.0015 to .025	

Individually boxed.



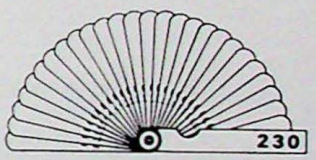
Taper Leaf
3 in. tapered leaves are ½ in. wide, tapering to ¼ in. at end.

No.	Leaves	Size, in.	Each $
209-T	9	.0015 to .015	
226-T	26	.0015 to .025	

Individually boxed.

CORTLAND THICKNESS GAGES

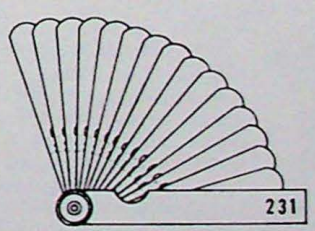
Blades are made of tempered steel of exacting tolerances. Each blade has its size etched in both decimals of an inch and millimeters. Nickel plated case has knurled locking nut.



No. 230 has 26 3x½ in. leaves of the following sizes: .0015, .002, .0025, .003, .004, .005, .006, .007, .008, .009, .010, .011, .012, .013, .014, .015, .016, .017, .018, .019, .020, .021, .022, .023, .024 and .025 in. Metric from .037 to .635 mm.

No.	Size, in.	Leaves	Each $
230	3	26	

Six in a package.

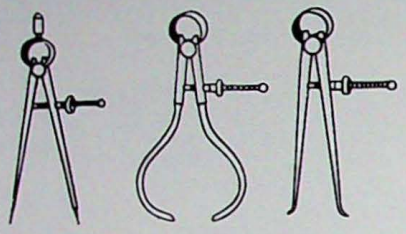


No. 231 has 15 3x½ in. leaves and No. 232 has 15 6x½ in. leaves of the following sizes: .002, .003, .004, .005, .006, .007, .008, .010, .011, .012, .013, .014, .015, .020 and .025 in. Metric from .051 to .635 mm.

No.	Size, in.	Leaves	Each $
231	3	15	
232	6	15	

Six in a package.

ROUND LEG TOOLMAKERS' DIVIDERS AND CALIPERS



Finest quality round leg dividers and calipers with exclusive replaceable hardened needle points, assure sharp and equal length points. Tapered round legs with hardened bow spring and bearing spool. Quick nut adjusting screw.

Dividers

No.	Size, in.	No. in box	Each
400-2	2	3	$
400-3	3	3	
400-4	4	3	
400-6	6	3	

Outside Calipers

402-2	2	3	$
402-3	3	3	
402-4	4	3	
402-6	6	3	

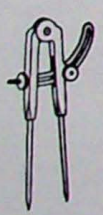
Inside Calipers

404-2	2	3	$
404-3	3	3	
404-4	4	3	
404-6	6	3	

Hermaphrodite Calipers

Finest quality round leg caliper with replaceable needle points. Bent point tapered leg is quickly adjusted for either inside or outside measuring.

No.	Size, in.	No. in box	Each
406-4	4	3	$
406-6	6	3	



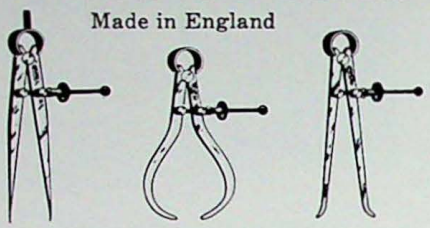
Wing Dividers

Used for scribing, picking up measurements, and transferring dimensions to work. Cast plated body with hardened plated steel legs, and spring adjustment. Made in 2 sizes.

No.	Size, in.	No. in box	Each
510-6	6	3	$
510-8	8	2	

FLAT LEG MACHINISTS' DIVIDERS AND CALIPERS

Made in England



Finest quality flat leg dividers and calipers; hardened points, bow springs and bearing spools. Individually packed.

Dividers

No.	Size, in.	No. in box	Each
450-2	2	3	
450-3	3	3	
450-4	4	3	$
450-6	6	3	
450-8	8	3	

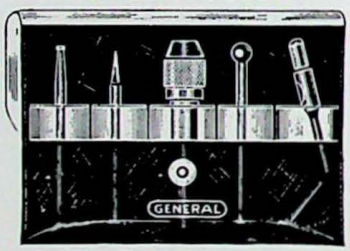
Outside Calipers

452-2	2	3	
452-3	3	3	
452-4	4	3	$
452-6	6	3	
452-8	8	3	

Inside Calipers

454-2	2	3	
454-3	3	3	
454-4	4	3	$
454-6	6	3	
454-8	8	3	

WIGGLER OR CENTER FINDER SETS



The original snap-in ball and socket wiggler. For accurately locating working points on drill presses, milling and other machines.

4 Point Sets

With snap-in holder, needle point, disc point, ball shaft and indicator shaft; in vinyl case.

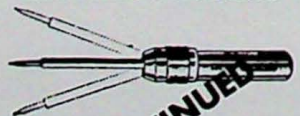
No.	No. in box	Per set
S-389-4	3	$

3 Point Sets

With snap-in holder, needle point, ball shaft and indicator shaft; in vinyl case.

No.	No. in box	Per set
S-389-3	3	$

WIGGLERS OR CENTER FINDERS

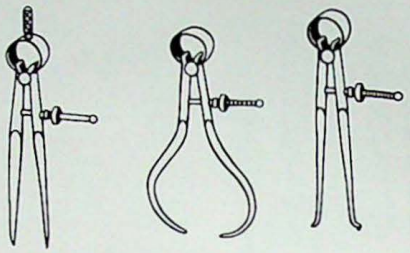


DISCONTINUED

For locating spindle centers, locating working points on drill presses, milling and other machines. Ball and socket action, replaceable points. Point can be reversed for protection, when not in use.

No.	No. in box	Each
89	3	$

INDUSTRIAL TYPE DIVIDERS AND CALIPERS



Moderately priced forged leg dividers and calipers with hardened bow springs and bearing spools. Central adjustment screw and nut minimize side deflection.

Dividers

No.	Size, in.	No. in box	Each
500-4	4	3	$
500-6	6	3	
500-8	8	3	

Outside Calipers

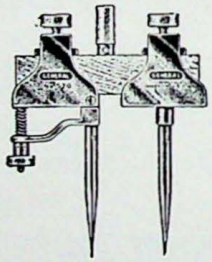
502-4	4	3	$
502-6	6	3	
502-8	8	3	

Inside Calipers

504-4	4	3	$
504-6	6	3	
504-8	8	3	

TRAMMEL POINTS

PRECISION



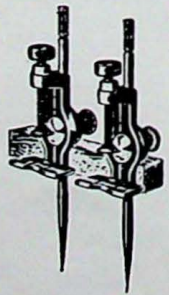
For measuring or marking distances too great for ordinary dividers. Die cast body with 3 in. needle point legs. Complete with pencil holder to replace leg when so desired.

With Fine Adjusting Screw

No.	No. in box	Per set of 2
520	1	$

ADJUSTABLE

With Eccentric Points

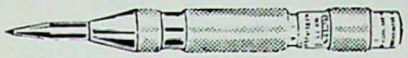


For accurately measuring or marking distances greater than the range of ordinary dividers. Used for lofting layouts, template marking, etc. The 6 in. off-center points can be replaced with pencils, ball pens, crayons or soapstone sticks. Clamp opening will take a beam ¾ to 1⅜ in. thick and any width or length.

No.	No. in box	Per set of 2
523	1	$

AUTOMATIC CENTER PUNCHES

BALL BEARING



New, improved design assures long, dependable service. Aluminum body for lightness, alloy steel parts for long wear. Adjustable for light or heavy strokes.

Has smooth, uniform pressure desirable where frequent or repetitive punching or riveting, or when used with inspection symbols, eyelet or connector riveting, etc.

No.	No. in box	Each
77	3	$

77-P—Replacement point
Individually carded.

Conforms to Govt. Specs.

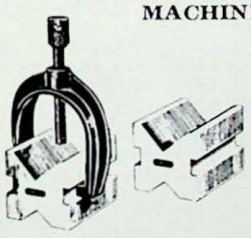
Entirely automatic single hand operation and adjustable from very light to extra heavy markings.

Used for marking, punching, staking, riveting, etc. Replacement points and moving parts are made of hardened alloy steel. Individually packed in plastic tubes.

No.	Size, in.	No. in box	Each
78	6x5/8	1	$
79	5x1/2	1	
79-X	5 x 1/2 Solid Pt.	1	
78-P	Replacement Point		
79-P	Replacement Point		
79-XP	Replacement Point		

V-BLOCKS AND CLAMPS

MACHINISTS'



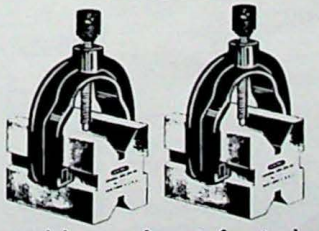
A moderately priced set of V-blocks designed for machine shop use, such as drilling, grinding, milling, etc. Machined of cast iron, not hardened. Approximately 1½ in. square, 2 in. long. 1½ in. diameter clamping capacity.

Two blocks and one clamp in a set.

No.	No. in box	Per set
116	1	$

Extra Clamp One set in a box.

TOOLMAKERS'

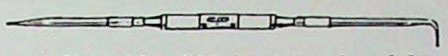


A precision made set for toolmakers and machinists. Made of hardened tool steel, machined and ground to close tolerances. Blocks are approximately 1¼ in. square and 1⅝ in. long. 1 in. diameter clamping capacity.

Two blocks and two cast iron clamps in a set.

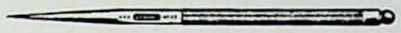
No.	No. in box	Per set
117	1	$

MACHINISTS' SCRIBERS



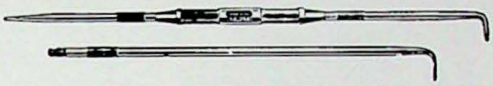
Adjustable—8½ in. long double point scriber can be clamped and locked into position at any desired point. Knurled aluminum body. Both the straight and hook point are heat treated to give utmost service.

No.	No. in box	Each
382	6	$



Single point. Moderately priced. 4½ in. long.

No.	No. in box	Each
85	24	$



Needle steel points, properly hardened; thread into knurled body. In plastic tubes.

With Three Points

Short straight point, short bent point and long bent point. 9 in. long over all with short points; 12 in. long over all with short and long bent points.

No.	No. in box	Each
380-A	6	$

With Two Points

With short straight point and short bent point. 9 in. long over all.

No.	No. in box	Each
380-B	6	$

With one straight point and one bent or hook point. Points are made of hardened and ground needle steel securely attached to a knurled body. 8½ in. long over all.

No.	No. in box	Each
80	12	$

MAGNETIC TUNGSTEN CARBIDE SCRIBER

Tungsten carbide tip; Alnico permanent magnet on other end. Point reverses for safety. Magnet end is handy for retrieving steel parts in small holes, etc.

No.	No. in box	Each
88CM	6	$

88P—Replacement point

One on a card, six in a box; or six on a display card (specify).

POCKET SCRIBERS

Replaceable point. Points swaged and hardened, of needle steel. Point may be reversed into knurled body when not in use.

No.	Body, in.	Length blade, in.	Each
81	3/8	2 7/8	$
83	1/4	2 3/8	

One on a card, twelve in a box.

Replaceable Points

No.	No. in box	Each
81-P	6	$
83-P	6	

REPLACEABLE NEEDLE POINT SCRIBERS

Needle points are long lasting—need no resharpening, just replace with a new point. Extra points stored under cap. For scribing on stainless steel and other hard metals and for deep hole work.

No.	Each
84	$

One on a card, twelve in a box; or six on a display card (specify).

Replacement Points

No.	Per dozen
84-P	$

Twelve in a package.

TUNGSTEN CARBIDE POINT SCRIBER

Tungsten carbide tip is replaceable. For scribing, marking or engraving on hard steel, glass, plastics, ceramic, jewelry, etc. Screw chuck permits reversing point when not in use. 6 in. long. With pocket clip.

No.	No. in box	Each
88	6	$

88P—Replacement point

One on a card, six in a box; or six on a display card (specify).

CENTER PUNCHES

Square Shank, Knurled Grip

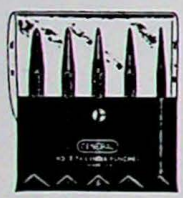
Center punches have a square knurled grip and will not roll. Made of hardened and tempered full length. Each punch stamped with size. Made in 7 sizes.

No. SPC-73—Set of 7 punches in vinyl case

Open Stock Sizes

No.	Diam. at top of taper, in.	Lgth., in.	Thick. body, in.	No. in box	Each $
73-A	1/16	2 7/8	1/16	12	
73-B	5/64	3 3/8	1/16	12	
73-C	3/32	3 11/16	1/16	12	
73-D	1/8	4	5/64	12	
73-E	5/32	4 1/4	3/32	6	
73-F	3/16	4 5/8	7/64	6	
73-G	1/4	5	5/32	6	

Round Shank, Knurled Grip



Made of tool steel, hardened and tempered for toughness and strength. Points are ground to size, bodies knurled for fingergrip and stamped with size.

In Sets

One each Nos. 74-AA, 74-A, 74-B, 74-C and 74-D in a vinyl case.

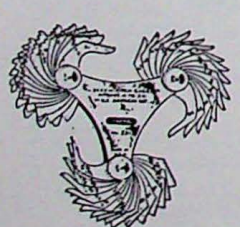
No.	No. in set	Each $
SPC-74	5	

Open Stock Sizes

No.	Diam. at top of taper, in.	Lgth., in.	Body diam., in.	Each $
74-AA	1/16	3 1/8	1/4	
74-A	5/64	4	5/16	
74-B	3/32	4	5/16	
74-C	7/64	4	3/8	
74-D	5/32	4	7/16	

Twelve in a box.

SCREW PITCH GAUGES



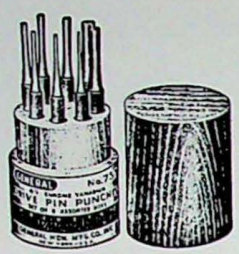
An exceptionally well made gauge consisting of V, American National and U.S. Standard. 60° threads. Include 11½ and 27 pipe thread sizes.

No.	No. of pitches	Sizes	Each $
251	51	4 to 84	
252	22	9 to 40	

Metric Screw Pitch Gauges

255-mm 22 .35 to 6.0 mm

DRIVE PIN PUNCHES



4 Inches Long

Tool steel punches uniformly heat treated, ground and polished. Finger-grip knurled body. Ends ground square. 4 in. long over all.

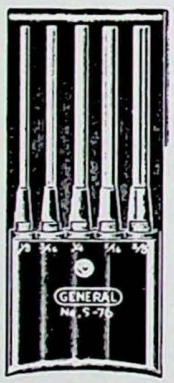
In Sets

One each Nos. 75-A, 75-B, 75-C, 75-D, 75-E, 75-F, 75-G and 75-H in a wood or vinyl case.

No.	Case	No. in set	Per set $
S-75	Wood	8	
SPC-75	Vinyl	8	

Open Stock Sizes

No.	Point, in.	No. in box	Each $
75-A	1/16	12	
75-B	3/32	12	
75-C	1/8	12	
75-D	5/32	12	
75-E	3/16	12	
75-F	7/32	12	
75-G	1/4	6	
75-H	5/16	6	



8 Inches Long

8 in. long to permit reaching hard-to-get-at places. Tool steel, hardened and tempered; centerless ground. Knurled body is 4½ in. long, points are 3½ in. long and ground flat on ends.

In Sets

One each Nos. 76-A, 76-B, 76-C, 76-D, and 76-E in a vinyl case.

No.	No. in set	Per set $
S-76	5	

Open Stock Sizes

No.	Size, in.	Body, in.	Each $
76-A	1/8	7/16	
76-B	3/16	1/2	
76-C	1/4	1/2	
76-D	5/16	1/2	
76-E	3/8	9/16	

Six in a box.

MACHINIST BENCH BLOCK

A handy hardened steel block with various size holes for driving or removing pins, rivets, etc., from round or flat work. Has convenient V-groove for round or odd shape stock, and 9 holes in sizes from 1/8 to 5/8 in.

No.	Diam., in.	Ht., in.	Each $
114	3	1½	

RADIUS GAGES

For checking internal and external radii of tools, patterns, dies, etc. Each gage is complete in itself for easy application. Packed in hand snap-button vinyl case.

Per set $

No. S-435-AH — 16 piece set, with holder 1/32 to 17/64 in. by 64ths

No. S-435-B — 24 piece set, 16 small 1/32 to 17/64 in. by 16ths; 8 large 1/32 to 1/2 in. by 32nds

No. S-435-BH — 24 piece set as above with holder

No. S-435-C—8 piece set, 3/32 to ½ in. by 32nds

No. 435 Individual Radius Gages
Specify sizes
Small, 1/32 to 17/64 by 64ths
Large, 9/32 to 1/2 by 32nds

RADIUS GAGE HOLDER

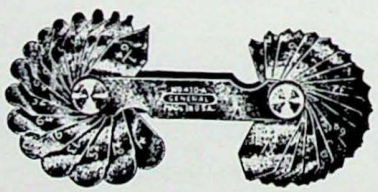
4½ in. knurled holder permits use of gages in hard to get at places. Holds blades in either 30 or 45° position.

No.	Each $
436	

RADIUS OR FILLET GAUGES

GENERAL

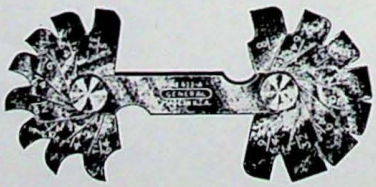
For checking radius of tools, patterns, dies, etc. With knurled locking thumb screws.



Precision made; consisting of 34 leaves, 1/64 in. through 17/64 in. by 64ths. With locking thumb screws.

No.	Each $
430A	

One in a plastic case.

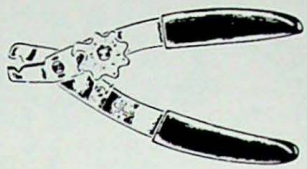


16 leaves, especially for checking radius of inside and outside fillets and corners. Checks 3/32 to 17/64 in. by 64ths.

No.	Each $
432A	

One in a plastic case.

WIRE STRIPPERS AND CUTTERS

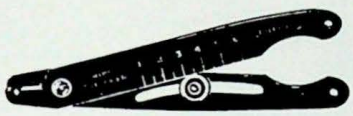


Spring Opening; Dial Setting

Just dial the size and avoid damaging wire, especially when used repetitively. Spring opening jaws can be locked in closed position to protect cutting edges. Made of tool steel and equipped with vinyl cushion grip handles. Individually carded.

No.	Each
69	$

One on a card, six in a box.



Slide-Lock

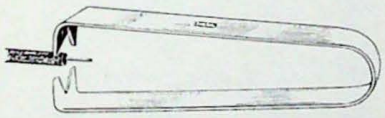
Handy slide-lock wire stripper and cutter. Slide-lock can be set to desired size for repetitive stripping.

No.	Each
68	$

Individually carded, twelve in a box.

WIRE STRIPPERS

JIFFY

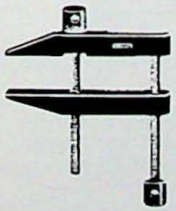


A squeeze, a twist, a pull and it's stripped. For the homecraftsman and handyman. Made of spring steel with hardened and ground jaws.

No.	Each
65	$

Twenty-four in a display box.

TOOLMAKERS' PARALLEL CLAMPS

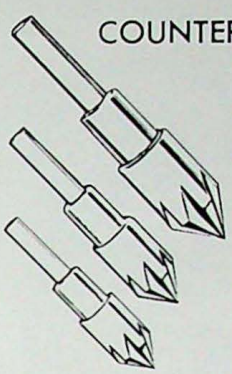


For holding or clamping work together when drilling, tapping, welding, assembling, etc. Jaws and screws are hardened and equipped with spring tension clips. Conforms to Federal Specs.

No.	Jaws open, in.	Lgth., in.	Each
118-A	1¼	2	
118-B	1¾	2½	
118-C	2¼	3	
118-D	2¾	4	

Individually boxed.

COUNTERSINKS



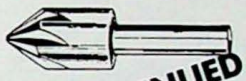
High Speed Steel

82° angle; ¼ in. round shank. For use on steel, brass, aluminum, plastics, wood and other materials.

Made in 3 Sizes

No.	Size, in.	No. in box	Each
195-½	½	6	$
195-⅝	⅝	3	
195-¾	¾	3	

Carbon Steel



DISCONTINUED

82° angle. For countersinking screw holes in mild or soft metals, wood, plastics, cardboard, etc. ¼ in. round shank.

No.	Size, in.	Each
191	½	$

Individually carded, six in a box.

REPAIRMAN'S REAMERS

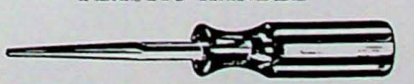
T-HANDLE

A popular hardened and ground steel reamer for removing burrs or enlarging small holes in soft metals, plastics and other materials.

No.	Cap., in.	Each
130	⅛ to ½	$

Three in a box.

PLASTIC HANDLE



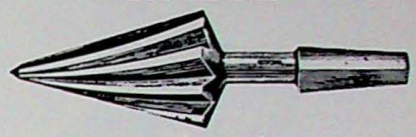
Homecraftsmen and handymen need this tool. Has many uses such as removing burrs, enlarging small holes in mild metals, wood, plastics, etc.

No.	Cap., in.	Each
131	⅛ to ⅜	$

Individually carded, six in a box.

BURRING REAMERS

BIT SHANK

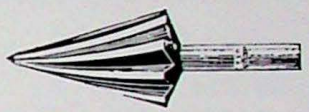


For removing burrs from cut pipe, tubing, conduit. Also for enlarging or countersinking holes in mild steel, plastic and other material. Made of forged hardened and ground tool steel. Bit brace square shank.

No.	Cap., in.	Each
134	¼ to 1¼	$
135	¼ to 2	

Individually boxed.

ROUND SHANK

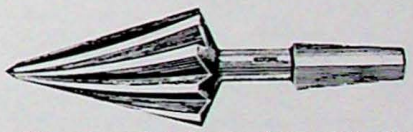


For auto mechanics, plumbers, steamfitters and other mechanics. For removing burrs from pipe, conduit, etc., and enlarging holes in metals, plastics and other materials. Made of high carbon heat treated tool steel; with ½ in. round shank.

No.	Cap., in.	Each
RS-136	¼ to 1¼	$
RS-137	¼ to 2	

Indvidually boxed.

BIT SHANK



For removing burrs from cut pipe, tubing, conduit. Also for enlarging or countersinking holes in mild steel, plastic and other materials. Bit brace square shank.

No.	Cap., in.	Each
138	¼ to 1¼	$

Individually boxed.

GENERAL®
FOR
FINE QUALITY
POPULAR PRICED
TOOLS

SANDING AND BUFFING ATTACHMENTS

For ¼ in. Power Drills

2 to 1 gear ratio for slow or fast speeds. Handle attaches to either side of aluminum body for right or left hand use. Supplied with 5½ in. rubber disc, lamb's wool bonnet and assorted sanding discs. Packed in a display container.

No.		Each
920		$
921—Lambs Wool Bonnet		

One in a box.

RIGHT ANGLE DRIVES

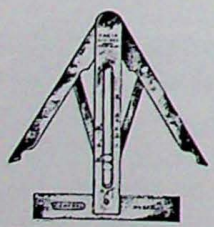
For ¼ in. Power Drills

For all close-quarter drilling between studs, in awkward corners or angles. May be used with drills, sanding and buffing attachments and other tools. Handle attaches for either right or left hand use. Strong pressure cast body with steel gears for best performance. Has ⅜ in. –24 thread spindle with ¼ in. reducer for chuck clamping. Packed in display container.

No.	Each
924	$

One in a box.

ANGLE DIVIDERS



For dividing and bisecting angles, transferring angles in cornice, frieze or gable work. Simplifies fitting of moulding, trim, the marking of miters, etc. Body is graduated for 4, 5, 6, 8, and 10 sided figures, and in 30°, 45° and 60° bisected angles. Can also be used as a try-square. Made of nickel plated steel. With instructions.

No.	Each
835	$

One in a box.

DRILL GRINDING ATTACHMENTS

A precision tool for accurately sharpening twist drills. For machine shops, garages, home workshops, and for all drill users. In use by leading industries.

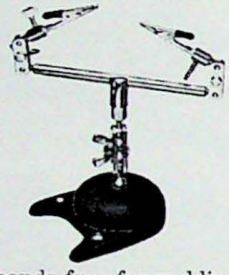
For fractional drills ⅛ to ¾ in.; for number size drills 30 to 1; for letter size drills A to Z and for millimeter size drills 3.0 to 19.0 mm.

Complete with instructions.

No.	Each
825	$

One in a box.

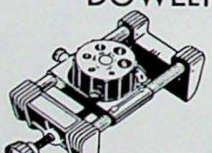
ADJUSTABLE WORK HOLDER



Leaves hands free for welding, soldering, cementing, etc. Two adjustable arms and six ball joints adapt to any position. Alligator clips hold small objects firmly. Heavy iron base may be clamped or permanently attached to work bench.

No.		Each
1410	One in a box	$
1411	Extra Alligator clips 6 in a package.	

DOWELING JIGS



Makes drilling of dowel holes simple and easy. Quickly adjusted revolving turret eliminates loss of loose parts. Takes work up to 4 in. width. Made for standard twist drill bits in 3/16, ¼, 5/16, ⅜, 7/16 and ½ in. sizes. Die cast body with nickel plated turret and parts. Complete with depth gauge and instructions.

No.	Each
840	$

One in a box.

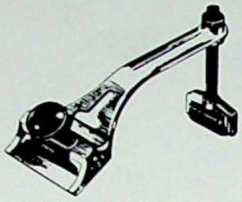
AUGER BIT STOPS

For accurate depth of drilled holes. Quickly clamps to drills and auger bits to desired position. Made of steel, nickel plated.

No.	Each
841	$

Six in a box.

CHISEL AND PLANE BLADE SHARPENERS



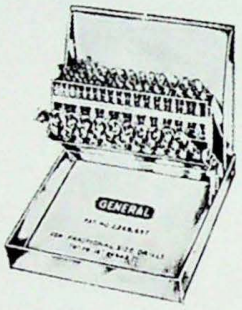
Keeps blades razor sharp and to original bevel or angle. Spring blade clamp will take all blades up to 2½ in. wide. Roller screw can be adjusted to correct blade bevel. For use with oil stone.

No.	Each
810	$

One in a box.

DRILL CASES

AUTOMATIC SELF-POSITIONING



Opens and closes instantly, keeps drills at finger tips. Visibly indexed. Drills are protected at all times. Standard equipment in many plants. Does not include drill bits.

Heavy Gauge Enameled Steel

No.	For drills	No. in box	Each
41	1 to 60	1	$
43	1/16 to ½ by 64ths	1	

Aluminum; for Pocket Use

40	61 to 80	6	$

DRILL STANDS

For bench use, or may be attached to pegboard or wall. Made of high impact, A.B.S. black plastic with contrasting size markings. Does not include drill bits.

No.	Drill sizes	Each
56	#1 to #60	$
57	1/16 to ½ by 64ths	
54-mm	Metric — 1 to 13 mm by ½ mm	

Individually carded, six in a box.

CARBIDE TIPPED MASONRY DRILLS

Fast Spiral for ¼" Electric Drills

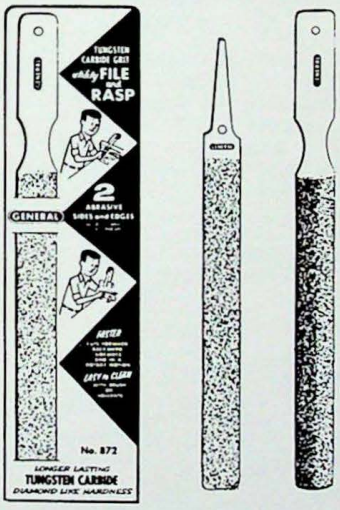
Fast, easy drilling in concrete, brick, tile, and similar materials. Husky tungsten carbide tips are brazed to drill bits and ground to size. Made in 5 sizes, individually packed and also set of all five sizes carded.

No.	No. in pkg.	Per set
S-869	3	$

Individual Sizes

No.	Size, in.	No. in pkg.	Each
869-3/16	3/16	6	$
869-¼	1/4	6	
869-5/16	5/16	6	
869-⅜	3/8	6	
869-½	1/2	6	

TUNGSTEN CARBIDE GRIT FILES AND RASPS



For filing, sanding, shaping wood, wallboard, plastics, fiberglass, etc.

Faster cutting—easy to clean.

No. 871—Utility (14x1 in.) 46 grit (coarse) one side and edge; 80 grit (medium) on other side and edge.

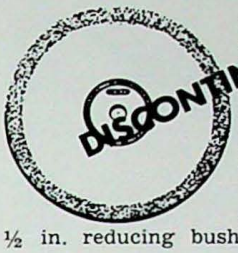
No. 872—Tang Handle (12x1 in.) 46 grit (coarse) one side and edge; 80 grip (medium) on other side and edge.

No. 873—Contour Type (14x1 in.) 46 grit (coarse) on one side, for curved and grooved edges.

All files individually carded.

No.	No. in box	Each
871	4	$
872	4	
873	4	

TUNGSTEN CARBIDE GRIT SAW BLADES

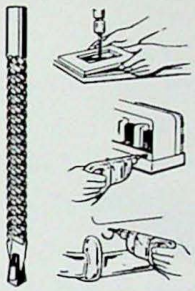


Sands as it mortises and miters wood, veneers, plastics, fiberglass and similar materials, except steel and other hard materials.

Has a ⅝ in. arbor hole with ½ in. reducing bushing.

No.	Diam., in.	Grit	No. in pkg.	Each
875-8	8	36	1	$

DRILL SAW



Drills, Shapes, Cuts and Reams

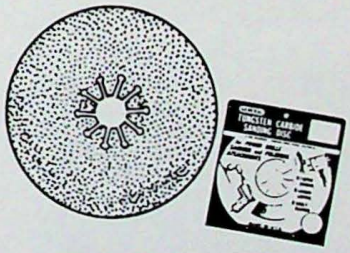
For all ¼ in. electric hand drills. Just drill a hole and cut in desired direction.

Cuts scrolls and odd shape holes. For all mechanics, servicemen, electricians and homecraftsmen who use electric hand drills.

Individually carded for pegboard display.

No.	No. in box	Each
33	6	$

TUNGSTEN CARBIDE GRIT SANDING DISCS



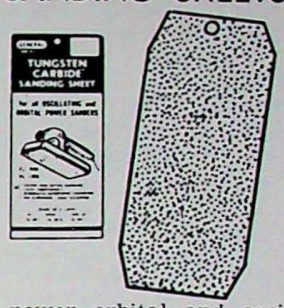
For power saws and electric drill attachments. Outlasts sand paper many times and eliminates changing of torn sheets.

For sanding wood, plastics, wallboards and similar materials, but not for hard metals. 3 sizes, 3 grits.

No.	Size, in.	Grit	Each
883-4F	4	150 Fine	$
883-4M	4	120 Med.	
883-4C	4	80 Cor.	
883-5F	5	150 Fine	
883-5M	5	120 Med.	
883-5C	5	80 Cor.	
883-6F	6	150 Fine	
883-6M	6	120 Med.	
883-6C	6	80 Cor.	

Four in a box.

TUNGSTEN CARBIDE GRIT SANDING SHEETS



For power orbital and oscillating sanders. Eliminates changing of torn or worn out sandpaper. Easily attached and cleaned. 3⅝ in. wide, 9 in. long. May be cut smaller if needed.

No.	Grit	No. in box	Each
884-F	150 Fine	4	$
884-M	120 Med.	4	
884-C	80 Cor.	4	

Individually enveloped.

DOWEL CENTERS

For fast, easy, accurate doweling. Simply mark and drill holes in one section of wood. Insert correct size dowel centers, position to opposite section and tap lightly. Dowel centers will be accurately centered for drilling.

Made of plated steel. Each set has 2 each of ¼, 5/16, ⅜ and ½ in. diam. sizes.

Packed one set to a card or box.

No.	Sets in box	Per set
888	12	$

BULL'S EYE LEVELS

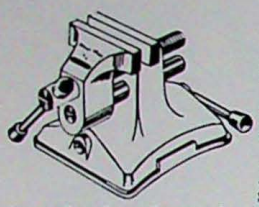
A circular, all directional level made of unbreakable acrylic plastic. For leveling machines, Hi Fi equipment, pool and game tables, electric appliances and many other items which must be level to give their best performance. For home, office or plant.

Diameter — 1-3/8"

No.	Each
847	$

On individual cards, six in a box.

VACU-VISES



No Screws! No Clamps! Attaches instantly with "Super Vacuum" power. It's portable. 2½ in. steel jaws with slide-on rubber jaws for fragile work.

Holds firmly in any position, to almost any smooth surface—metal, glass, porcelain, linoleum, formica, etc.

For the laboratory, workshop, garage, boat and home. Take it directly to the job—attaches instantly and holds securely to any smooth, nonporous surface. Easy to store in tool chest, locker, closet when not in use.

2½ in. V-grooved jaws open to 2 in. Base size 5x4 in., 4 in. high.

No.	Finish	Each
1800	Gray Enamel	$

Individually boxed, six in a carton.

MULTI-ANGLE SWIVEL VACU-VISE

No Screws! No Clamps! With slide-on rubber jaws for fragile work.

It's portable! Holds firmly in any position to any smooth non-porous surface — metal, glass, formica.

Swivels 360° to any position.

Tilts 90° to any angle.

For industry, laboratories, schools, shops. Excellent for electronic, jewelry, optical, instrument and many other industries. Ideal for drilling, filing, soldering and assembling.

Base size 6¼ in. triangular. Over all height 6¼ in. Jaws 3 in. wide, open 2⅝ in.

No.	Finish	Each
1850	Gray Enamel	$

Individually boxed, six in a carton.

MULTI-USE VACU-BASE

No Screws! No Clamps!

Just flip the lever. For assembly and "Clean Room" use.

Portable Vacu-Base that holds fast and firm by vacuum and gives complete portability to fixtures, instruments or appliances that can be fastened by means of threaded or bolted screws.

No.	Size, in.	Each
1804	3⅝x2¾x1 5/16	$

Individually boxed.

SELF-CENTERING PUNCHES

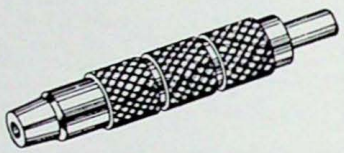
GENERAL JIFFY

For quickly and accurately centering starting holes for all countersunk hardware such as handles, hinges, hasps, etc. Nickel plated body with spring positioning steel pin.

No.	No. in box	Each
806	12	$

Individually carded, for peg-board.

SELF-CENTERING NAIL SET AND BRAD SET



For quickly and accurately setting finishing nails and brads without marring of wood surface.

Nickel plated body with spring positioning steel pin.

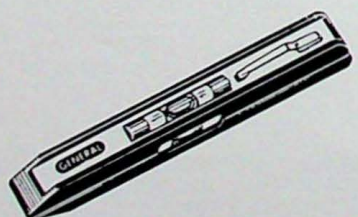
No. 802-NS Nail Set for 4d and 6d nails

No. 802-BS Brad Set for 16, 17 and 18 brads

No.	No. in box	Each
802-NS	12	$
802-BS	12	

Individually carded, for peg-board.

POCKET LEVELS



Handy pocket level for all mechanics, servicemen, home craftsmen. Multi-view vial reads top, bottom or side. V-groove bottom for round work. Made of Hi-Impact cycolac plastics with pocket clip.

No.	No. in box	Each
827	6	$

ADJUSTABLE ILLUMINATED MAGNIFIER

1.2 POWER

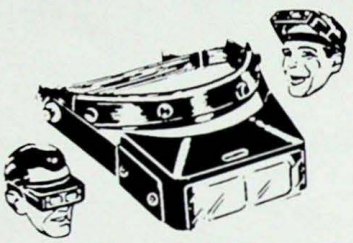
For laboratory, industry schools, hobby use. Practical, yet moderately priced stand for assembly or inspection of small parts.

7 watt, 115 volt lamp. 6 ft. U.L. approved cord with on-off switch. Sturdy extruded aluminum stand 5x5x5 in. Folds compactly for storage.

No.	Each
1050	$

Individually boxed.

BINOCULAR MAGNIFIERS



Ground and polished optical lenses. Padded vinyl head band. Tiltup lens frame. May be worn with or without glasses. Made of U.S. Royalite plastic.

For assemblers and inspectors of electronic and other small or subminiature parts, toolmakers, jewelers, engravers and other craftsmen who need freedom of hands and elimination of eye-strain and fatigue.

All lenses interchangeable.

No.	Power	Focal lgth., in.	Each
*1000-3	1.75x	14	$
*1000-5	2.25x	10	
1000-7	2.75x	7	

*Most popular models.

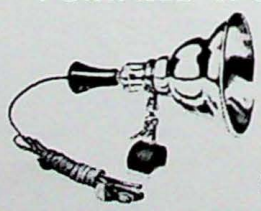
Individually boxed.

Extra Monolupe Lens

Each

No. ML-1000—Can be attached to either side of lens plate for added power to existing lens .....$

MAGNETIC BASE PORTABLE SPOT LIGHT



Heavy duty alnico magnetic base attaches instantly to any steel or ferrous surface. Ball and socket adjustment. Aluminum reflector. Uses standard light bulb. 8 ft. U.L. approved cord. (Bulb not included).

No.	Each
1060	$

Individually boxed.

ARCH PUNCHES

For punching holes in leather, rubber, gasket materials, soft metals, etc. Inside taper permits easy clearance. Made in England of heat-treated Sheffield forged steel.

Individually boxed and in sets of 7 punches, one each ¼, ⅜, ½, ⅝, ¾, ⅞ and 1 in. sizes in handy plastic roll.

Made in England

No.	No. in set	Per set
*1271-ST	7	$

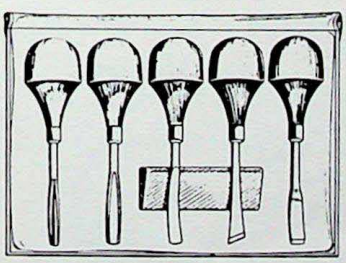
OPEN STOCK SIZES

No.	Size, in.	Pkg. Qty.	Each
*1271-A	¼	3	$
1271-B	5/16	3	
*1271-C	⅜	3	
1271-D	7/16	3	
*1271-E	½	3	
1271-F	9/16	1	
*1271-G	⅝	1	
1271-H	11/16	1	
*1271-I	¾	1	
1271-J	13/16	1	
*1271-K	⅞	1	
1271-L	15/16	1	
*1271-M	1	1	
1271-N	1⅛	1	
1271-O	1¼	1	
1271-P	1⅜	1	
1271-Q	1½	1	
1271-R	1⅝	1	
1271-S	1¾	1	
1271-T	1⅞	1	
1271-U	2	1	

* Denotes sizes in set.

Individually boxed.

5½ INCH CARVING TOOL SETS



Five piece set with palm fit handles.

Blades are made of hand forged tool steel, hardened, ground and polished for lasting sharpness. Hardwood handles "palm fit" preferred by many woodworkers. A honing stone is included with each set.

No.	Sets in box	Per set
1293	1	$

HOLLOW STEEL PUNCHES

With Side Clearance Holes

For punching holes in leather, rubber, canvas, cardboard, plastic and other materials.

Side clearance hole permits easy removal of punched materials.

Sets of 6 sizes, 3/16, ¼, 5/16, ⅜, 7/16 and ½ in. in plastic roll.

Made in England

No.	No. in set	Per set
*1280-ST	6	$

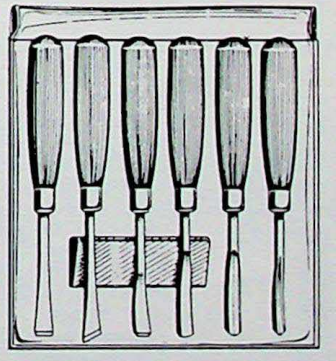
OPEN STOCK SIZES

No.	Size, in.	Pkg. Qty.	Each
1280-A	3/32	6	$
1280-B	⅛	6	
1280-C	5/32	6	
*1280-D	3/16	6	
1280-E	7/32	6	
*1280-F	¼	6	
1280-G	9/32	6	
*1280-H	5/16	6	
1280-I	11/32	6	
*1280-J	⅜	6	
*1280-K	13/32	6	
*1280-L	7/16	6	
1280-M	½	3	
1280-N	9/16	3	
1280-O	⅝	3	
1280-P	¾	3	
1280-Q	⅞	3	
1280-R	1	3	

* Denotes sizes in set.

Individual sizes packed 6 to a box.

6½ INCH CARVING TOOL SETS



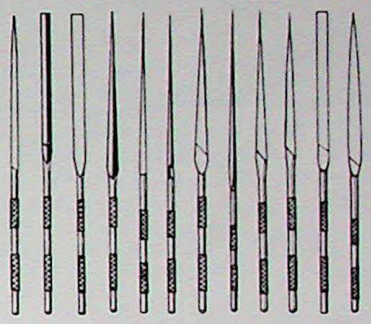
Six piece set with honing stone.

Blades are made of hand forged tool steel, hardened, ground and polished for lasting sharpness.

Set consists of Straight Chisel, Bevel Chisel, Bent Chisel, "U" shaped Gouge, Bent Gouge and Veining Tool.

No.	Sets in box	Per set
1290	1	$

SWISS PATTERN NEEDLE FILES



Precision made of the finest Sheffield Tool Steel to meet the exacting requirements of toolmakers, instrument makers, jewelers, and other craftsmen. Files are No. 2 cut. Packed in snap-button plastic case.

Made in England

No.	Lgth., in.	Files in set	Per set
S-475-5½	5½	12	$
S-476-5½	5½	6	

CORTLAND BRAND NEEDLE FILE SETS

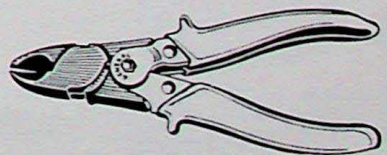
No.	Lgth. in.	Files in set	Per set
S-477	5½"	12	$

6½ INCH PARALLEL JAW SIDE CUTTING PLIERS

Heat treated alloy steel jaws. Compound lever construction. Jaws open and close parallel providing vise-like grip. Has projecting wire cutter for easier cutting. Nickel plated with plastic grip handles. Made in England

No.	Length, in.	Each
1285	6½	$

5½ INCH DIAGONAL CUTTING NIPPERS

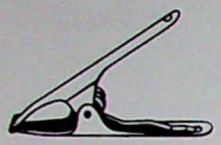


For Cutting Piano Wire

Has heat treated chrome alloy steel jaws. Compound leverage spring opening for easy operation on hardened wire. Nickel plated with plastic grip handles. Made in England

No.	Length, in.	Each
1286	5½	$

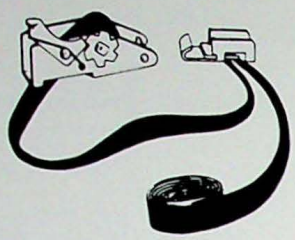
SPRING CLAMPS



For quickly and firmly holding together various parts or materials such as wood, metals, plastics, cloth, etc., when cutting, machining, welding, glueing. Made of zinc plated steel with heavy duty springs.

No.	Opens, in.	Lgth., in.	No. in box	Each
892-A	1	4	12	$
892-B	2	6	6	
892-C	3	9	6	

ADJUSTABLE WEB CLAMP



Quick Lock Adjustment

12 ft. heavy duty nylon web, 1 in. wide.

Every workshop and home craftsman has frequent need for these handy, easy attaching clamps. For assembling, gluing of furniture, chairs, picture frames, etc.

No.	No. in box	Each
891	6	$

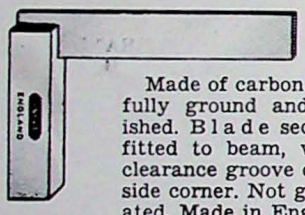
Individually blister carded.

4-WAY KEY CHAIN SCREW DRIVER

A handy little screw driver and key holder for the car, purse or pocket. Has 4 different size blades for both slotted and recessed type screws. Small but so handy for tightening windshield and window screws to eliminate rattles. Also for opening friction cap cans, etc. Nickel plated.

No.	No. on display card	Each
1225	12	$

MECHANICS' STEEL SQUARES



Made of carbon steel, fully ground and polished. Blade securely fitted to beam, with clearance groove on inside corner. Not graduated. Made in England.

No.	Length blade, in.	Length beam, in.	Each
270-2	2 3/16	1 3/4	
270-3	3 1/16	2 1/4	
270-4	4	3	
270-6	6	3 3/4	

One in a box.

WING DIVIDERS

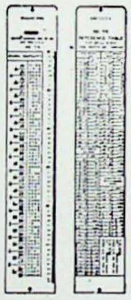
7 in. Long

Has spring tension fine adjustment. For scribing, picking up measurements, transferring dimensions to work, etc. Hardened and ground legs for sheet metal work. Black oxide finish.

DISCONTINUED

No.	No. in box	Each
516	3	$

STAINLESS STEEL REFERENCE TABLES



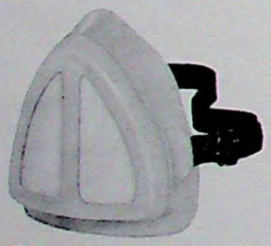
A handy reference table for toolmakers, machinists, mechanics and home craftsmen.

Front has tap drill sizes for 75% recommended depth of thread on machine screw sizes.

Back has decimal equivalents table in 64ths from 1/64 to 63/64 with a quick-reading 6 in. rule.

No.	No. in box	Each
715	6	$

RESPIRATORS OR DUST MASKS



Flexible light weight filter mask and respirator. Protects against non-toxic mist, dust and sprays. 2-piece plastic frame with non-collapsing washable Fiber filter. Has adjustable elastic head band, and may be worn with glasses or goggles.

No.	No. in box	Each
935-PB	12	$

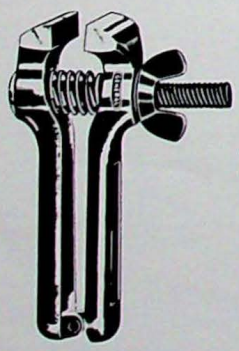
Individually boxed or carded.

EXTRA FILTERS

No.	No. in pkg.	Per pkg.
RF-935	2	$

Six packages in a box.

HAND VISES



For model makers, jewelers, hobbyists and mechanics. Spring tension, wing screw adjustment. Polished jaws with V-groove for holding small parts. Enameled finish.

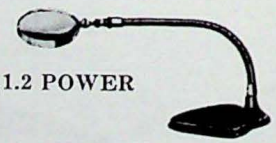
5 in. long, jaws 1½ in. wide, open 1¼ in.

Individually boxed.

No.	No. in carton	Each
815	6	$

FLEXIBLE INSPECTION MAGNIFIER

4 INCH

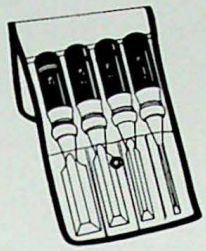


1.2 POWER

4 in. diameter powerful ground and polished lens. Chrome plated flexible gooseneck arm. Ball joint swivel permits easy positioning. Sturdy cast iron base for table or bench use.

No.	Each
549-4	$

Individually boxed.



WOOD CHISELS

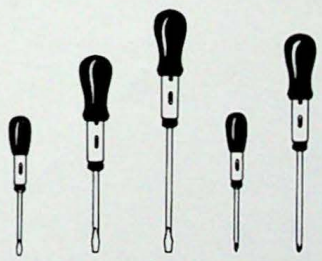
Precision ground, heavy duty tang chisels have high impact plastic handles which are shockproof, splinterproof and are designed to fit the hand comfortably. Blade and tang made from one piece high grade forged tool steel. Made in England.

No.	Width In.	Each
1400-¼	¼	$
1400-½	½	
1400-¾	¾	
1400-1	1	
1400-1¼	1¼	
1400-1½	1½	

Individually carded.
Packed 5 of one size to a box.

No. S-1400
Set of 4 chisels ¼", ½", ¾", 1" packed in vinyl case for pegboard display. Packed one to a box.

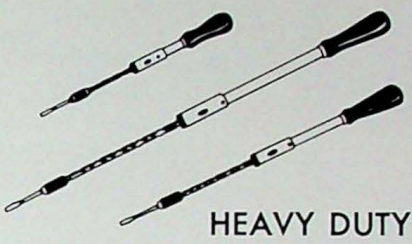
RATCHET SCREWDRIVERS



Precision 3-position ratchet screwdrivers popular with the carpenter, other tradesmen and the hobbyist. Heavy duty design incorporates knurled finger grip for easy starting and removal of screws. All exposed metal parts are heavily plated. Wood handle styled for firm grip. Tool can be set for driving screws and removal of screws with ratcheting action, as well as in a rigid position. Made in England.

No.	Bit Size	Blade Length	Overall Length
1450	3/16"	4" (100 mm)	7½"
1460	¼"	4" (100 mm)	9"
1470	¼"	6" (150 mm)	11"
1480	No. 1 Crosspoint	3" (75 mm)	6½"
1490	No. 2 Crosspoint	5" (125 mm)	10"

REVERSIBLE SPIRAL RATCHET SCREWDRIVERS



HEAVY DUTY

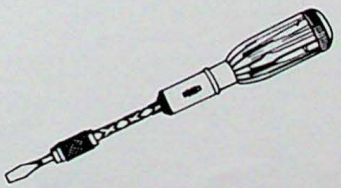
Available in three sizes for all general and industrial use. Automatic spring return. Right and left hand drive. Lock for rigid position when fully closed or extended. Highly lacquered wood handles. Furnished with 3 alloy steel blades.

No. 1520
28" (700mm) extended length. 19⅜" (492 mm) closed.
Complete with 3 alloy steel blades: 1/4" (6mm), 9/32" (7mm), 5/16" (8mm).

No. 1515
14" (350mm) extended length. 10½" (267mm) closed.
Complete with 3 alloy steel blades: 5/32" (3.9mm), 3/16" (4.8mm), 7/32" (5.5mm).

No. 1510
20" (500mm) extended length. 14¾" (375mm) closed.
Complete with 3 alloy steel blades: 7/32" (5.5mm), 1/4" (6mm), 9/32" (7mm).

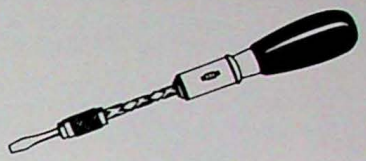
REVERSIBLE SPIRAL RATCHET SCREWDRIVER AND PUSH DRILL



A multi-purpose tool designed for use as a screwdriver as well as for drilling wood, plastics and soft metals.
Exposed metal parts heavily plated. Automatic spring return. Used for driving or removing screws. High impact transparent plastic handle with chrome plated cap holds blades and points. Made in England.

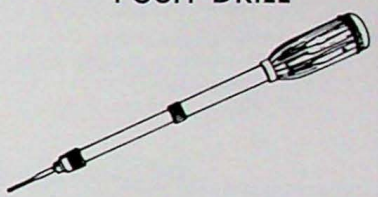
No. 1500 10" Extended (250mm) 7¾" closed (196.8mm).
Complete with 2 screwdriver blades, 1/4" and 5/32" and 2 drill points.
Individually carded. Packed 3 to a box.

REVERSIBLE SPIRAL RATCHET SCREWDRIVER



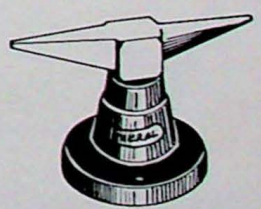
Reversible ratchet with spring return. Exposed metal parts heavily plated. Highly lacquered wood handle. Used for driving or removing screws. Made in England.
No. 1505 10" (250mm) Complete with ¼" (6.35mm) blade.
Individually carded. Packed 3 to a box.

AUTOMATIC PUSH DRILL



Heavy duty tool with spring return for rapid drilling of wood, plastics and light metals. High impact transparent plastic handle holds 4 alloy steel plated drills. Easy single hand action frees other hand to hold work. Exposed metal parts heavily plated. Made in England.
No. 1525 Complete with 4 alloy steel drills in handle. 5/64" (1.9mm), 7/64" (2.8mm), 9/64" (3.6mm), 11/64" (4.4 mm).
Extended length 12" (305mm); stroke 2⅜" (60mm).
Individually carded. Packed 3 to a box.

MINIATURE ANVIL



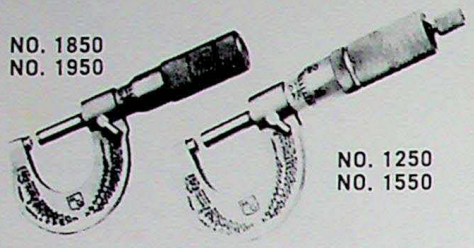
For minature detail work such as shaping, forming, flattening, straightening and bending. Made of forged, tempered high quality tool steel; Brightly polished. Enamelled cast iron base 2¾" diameter, has holes for permanent mounting. Work surface 4½" long x ⅞" wide.

	Each
No. 1430 Individually packed.	$

MG precision micrometers

Made entirely in the United States to compete in quality and price with most imported micrometers. Guaranteed for accuracy and workmanship.

AVAILABLE IN METRIC. ADD "MM" TO CATALOG NUMBER.



NO. 1850
NO. 1950

NO. 1250
NO. 1550

full finish frame micrometers

Dull chrome finish. Decimal equivalents on frame. Friction stop; Locknut. Adjustable for wear. Packed one to box.

.0001 in. Graduations
Guaranteed accuracy .0001 in.
NO. 1550 Size 0-1".
NO. 1950 Carbide. Size 0-1"

.001 in. Graduations
Guaranteed accuracy .0005 in.
NO. 1250 Size 0-1".
NO. 1850 Carbide. Size 0-1"

black finish frame micrometers

Dull chrome finish. Friction stop; Locknut. Adjustable for wear. Packed one to box.

.0001 in. Graduations
Guaranteed accuracy .0001 in.

No.	Size, inches
1050	0-1
2050	1-2
3050	2-3

.001 in. Graduations
Guaranteed accuracy .0005 in.

No.	Size, in.	No.	Size, in.
1000	0-1	4000	3-4
2000	1-2	5000	4-5
3000	2-3	6000	5-6

STANDARDS AVAILABLE AT EXTRA COST

depth micrometers

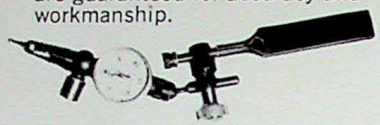
Similar to regular MG outside micrometers. Dull chrome finish. Friction stop. Packed one to box.

.001 in. Graduations

No.	Size, inches	Base, inches
1721	0-1	2½
1723	0-3	2½
1726	0-6	2½
1741	0-1	4
1743	0-3	4
1746	0-6	4

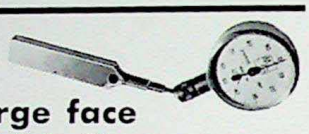
MG precision indicators

Made in the United States to compete in quality and size with most imported indicators. They are guaranteed for accuracy and workmanship.



dial test indicator

Dial reads from 0-15-0; graduated in .001 in. Fully jeweled; replaceable point. Reversing lever. All attachments. Fitted case.
NO. 395-AB Packed one to box.



large face dial indicators

Plunger type: 1½ in. revolving dial. Readings in .001 in. With swivel chuck, shank and extra long point. Fitted box; fully jeweled. Packed one to box.
NO. 050-L— Balanced Reading 0-50-0
NO. 0100-L— Continuous Reading 0-100

dial indicator sets

Formerly General. Same as above large face indicator line with tool post holder, hole attachment, clamp, connector; rods and contacts. Packed one to box.
NO. 393 — Continuous Reading 0-100
NO. 394 — Balanced Reading 0-50-0

magnetic base indicator holders

Various General Indicator Holders are available through MG Tool Company.

3" pocket calipers

NO. 132 MM
1/32" and mm graduations

MG precision vernier calipers

Guaranteed accuracy to .001 in. Made of finest imported steel. Permanent black graduations. Beveled jaws for threads. Depth gage. Gives both inside and outside measurements. With long vernier scale. Packed one to box.

0-6" with .001" and 1/20 mm Graduations
NO. 6001-DC Dull Chrome Finish
NO. 6001 Polished Finish

0-6" with .001" and 1/128" Graduations
NO. 6128-DC Dull Chrome Finish
NO. 6128 Polished Finish

MG precision dial calipers

NO. JDC-6
0-6" with .001" Graduations

NATIONAL

apprentice micrometers

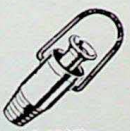
Made in U.S.A.
Low priced precision tools, ideal for general usage, training programs, automotive work, hobbyists, etc. Made with finest castings; machine cut graduations. Simple adjustment. Guaranteed accuracy .001 in. With instructions. Packed one to box.

AVAILABLE IN METRIC. ADD "MM" TO CATALOG NUMBER.

NO. 100 Natural Finish; Spinner, 0-1"
NO. 101 Satin Finish; Spinner 0-1"
NO. 102 Satin Finish; Decimal Equivalents, Friction Stop 0-1"
NO. 202 Satin Finish; Friction Stop, 1-2" With Standard
NO. 302 Satin Finish; Friction Stop, 2-3" With Standard

NATIONAL

CLOTHES LINE PULLEY NO. 747



LINE FASTENERS NO. 880

3 IN 1 TOOL HOLDERS
With self-screwing gimlet screw.
NO. L — Large size
NO. M — Medium size
NO. R — 5M on a rack

SEND FOR COMPLETE M/G CATALOG and QUANTITY PRICES

METRIC CONVERSION CHART

GENERAL®

INCHES FRACT.	INCHES DECIMALS	MM
	.00004	.001
	.00039	.01
	.001	.025
	.00078	.02
	.00118	.03
	.00157	.04
	.00197	.05
	.002	.051
	.00236	.06
	.0025	.0635
	.00276	.07
	.00295	.075
	.003	.0762
	.00315	.08
	.00354	.09
	.00394	.1
	.004	.1016
	.005	.1270
	.00787	.2
	.00984	.25
	.01	.254
	.01181	.3
1/64	.01563	.3969
	.01575	.4
	.01969	.5
	.02	.508
	.02362	.6
	.025	.635
	.02756	.7
	.0295	.75
	.03	.762
1/32	.03125	.7938
	.0315	.8
	.03543	.9
	.03937	1.0
	.04	1.016
	.04331	1.1
3/64	.04687	1.191
	.04724	1.2
	.04921	1.25
	.05	1.27
	.05118	1.3
	.05512	1.4
	.05906	1.5
	.06	1.524
1/16	.0625	1.5875
	.06299	1.6
	.06693	1.7
	.07	1.778
	.0787	1.8
	.07480	1.9
	.075	1.905
5/64	.07813	1.9844
	.07874	2.0
	.08	2.032
	.08268	2.1
	.08661	2.2
	.08858	2.25
	.09	2.286
	.09055	2.3
3/32	.09375	2.3812
	.09449	2.4
	.09843	2.5
	1	2.54
	.10236	2.6
	.10630	2.7
	.10827	2.75
7/64	.10937	2.7781
	.11	2.794
	.11024	2.8
	.11417	2.9
	.11811	3.0
	.12	3.048

INCHES FRACT.	INCHES DECIMALS	MM
	.1205	3.1
1/8	.125	3.175
	.12598	3.2
	.12796	3.25
	.12992	3.3
	.13	3.302
	.13386	3.4
	.13780	3.5
	.14	3.556
9/64	.14063	3.5719
	.14173	3.6
	.14567	3.7
	.14961	3.8
	.15	3.810
	.15354	3.9
5/32	.15625	3.9688
	.15748	4.0
	.16	4.064
	.16142	4.1
	.16535	4.2
	.16929	4.3
	.17	4.318
11/64	.17188	4.3656
	.17323	4.4
	.17717	4.5
	.18	4.572
	.18110	4.6
	.18504	4.7
3/16	.1875	4.7625
	.18898	4.8
	.19	4.826
	.19291	4.9
	.19685	5.0
	2	5.08
	.20079	5.1
13/64	.20313	5.1594
	.20472	5.2
	.20866	5.3
	21	5.334
	.21260	5.4
	.21654	5.5
7/32	.21875	5.5562
	22	5.588
	.22047	5.6
	.22441	5.7
	.22835	5.8
	23	5.842
	.23228	5.9
15/64	.23438	5.9531
	.23622	6.0
	24	6.096
	.24016	6.1
	.24409	6.2
	.24803	6.3
1/4	25	6.35
	.25197	6.4
	.25591	6.5
	.25984	6.6
	26	6.604
	.26378	6.7
17/64	.26563	6.7469
	.26772	6.8
	27	6.858
	.27165	6.9
	.27559	7.0
	.27953	7.1
	28	7.112
9/32	.28125	7.1438
	.28346	7.2
	.28740	7.3
	29	7.366
	.29134	7.4
	.29528	7.5

INCHES FRACT.	INCHES DECIMALS	MM
19/64	.29688	7.5406
	.29921	7.6
	.30	7.62
	.30315	7.7
	.30709	7.8
	.31	7.874
	.31102	7.9
5/16	.3125	7.9375
	.31496	8.0
	.31890	8.1
	.32	8.128
	.32283	8.2
	.32677	8.3
21/64	.32813	8.3344
	.33	8.382
	.33071	8.4
	.33465	8.5
	.33858	8.6
	.34	8.636
	.34252	8.7
11/32	.34375	8.7312
	.34646	8.8
	.35	8.89
	.35039	8.9
	.35433	9.0
	.35827	9.1
23/64	.35938	9.1281
	.36	9.144
	.36220	9.2
	.36614	9.3
	.37	9.398
	.37008	9.4
	.37402	9.5
3/8	.375	9.525
	.37795	9.6
	.38	9.652
	.38189	9.7
	.38583	9.8
	.38976	9.9
	.39	9.906
25/64	.39063	9.9219
	.39370	10.0
	.39764	10.1
	.40	10.16
	.40157	10.2
	.40551	10.3
13/32	.40625	10.3188
	.40945	10.4
	.41	10.414
	.41339	10.5
	.41732	10.6
	.42	10.668
	.42126	10.7
27/64	.42188	10.7156
	.42520	10.8
	.42913	10.9
	.43	10.992
	.43307	11.0
	.43701	11.1
7/16	.4375	11.1125
	.44	11.176
	.44094	11.2
	.44488	11.3
	.44882	11.4
	.45	11.430
	.45276	11.5
29/64	.45313	11.5094
	.45669	11.6
	.46	11.684
	.46063	11.7
	.46457	11.8
	.46850	11.9

INCHES FRACT.	INCHES DECIMALS	MM
15/32	.46875	11.9062
	.47	11.938
	.47244	12.0
	.47638	12.1
	.48	12.192
	.48031	12.2
	.48425	12.3
31/64	.48438	12.3031
	.48819	12.4
	.49	12.446
	.49213	12.5
	.49606	12.6
1/2	.50	12.7
	.50394	12.8
	.50787	12.9
	.51	12.954
	.51181	13.0
33/64	.51563	13.0969
	.51575	13.1
	.51968	13.2
	.52	13.208
	.52362	13.3
	.52756	13.4
	.53	13.462
17/32	.53125	13.4938
	.53150	13.5
	.53543	13.6
	.53937	13.7
	.54	13.716
	.54331	13.8
35/64	.54688	13.8906
	.54724	13.9
	.55	13.970
	.55118	14.0
	.55512	14.1
	.55905	14.2
	.56	14.224
9/16	.56250	14.2875
	.56299	14.3
	.56693	14.4
	.57	14.478
	.57087	14.5
	.57480	14.6
37/64	.57813	14.6844
	.57874	14.7
	.58	14.732
	.58268	14.8
	.58661	14.9
	.59	14.986
	.59055	15.0
19/32	.59375	15.0812
	.59449	15.1
	.59842	15.2
	.60	15.24
	.60236	15.3
	.60630	15.4
39/64	.60938	15.4781
	.61	15.494
	.61024	15.5
	.61417	15.6
	.61811	15.7
	.62	15.748
	.62205	15.8
5/8	.625	15.875
	.62598	15.9
	.62992	16.0
	.63	16.002
	.63386	16.1
	.63779	16.2
	.64	16.256

INCHES FRACT.	INCHES DECIMALS	MM
41/64	.64063	16.2719
	.64173	16.3
	.64567	16.4
	.64961	16.5
	.65	16.510
	.65354	16.6
21/32	.65625	16.6688
	.65748	16.7
	.66	16.764
	.66142	16.8
	.66535	16.9
	.66929	17.0
	.67	17.018
43/64	.67188	17.0656
	.67323	17.1
	.67716	17.2
	.68	17.272
	.68110	17.3
	.68504	17.4
11/16	.68750	17.4625
	.68898	17.5
	.69	17.526
	.69291	17.6
	.69685	17.7
	.70	17.78
	.70079	17.8
45/64	.70313	17.8594
	.70472	17.9
	.70866	18.0
	.71	18.034
	.71260	18.1
	.71653	18.2
23/32	.71875	18.2562
	.72	18.288
	.72047	18.3
	.72441	18.4
	.72835	18.5
	.73	18.542
	.73228	18.6
47/64	.73438	18.6531
	.73622	18.7
	.74	18.796
	.74016	18.8
	.74409	18.9
	.74803	19.0
3/4	.75	19.050
	.75197	19.1
	.75590	19.2
	.75984	19.3
	.76	19.304
	.76378	19.4
49/64	.76563	19.4469
	.76772	19.5
	.77	19.558
	.77165	19.6
	.77559	19.7
	.77953	19.8
	.78	19.812
25/32	.78125	19.8438
	.78346	19.9
	.78740	20.0
	.79	20.066
	.79134	20.1
	.79527	20.2
51/64	.79688	20.2406
	.79921	20.3
	.80	20.320
	.80315	20.4
	.80709	20.5
	.81	20.574
	.81102	20.6

INCHES FRACT.	INCHES DECIMALS	MM
13/16	.81250	20.6375
	.81496	20.7
	.81890	20.8
	.82	20.828
	.82283	20.9
	.82677	21.0
53/64	.82813	21.0344
	.83	21.082
	.83071	21.1
	.83464	21.2
	.83858	21.3
	.84	21.336
	.84252	21.4
27/32	.84375	21.4312
	.84646	21.5
	.85	21.590
	.85039	21.6
	.85433	21.7
	.85827	21.8
55/64	.85938	21.8281
	.86	21.844
	.86220	21.9
	.86614	22.0
	.87	22.098
	.87008	22.1
	.87401	22.2
7/8	.875	22.225
	.87795	22.3
	.88	22.352
	.88189	22.4
	.88583	22.5
	.88976	22.6
	.89	22.606
57/64	.89063	22.6219
	.89370	22.7
	.89764	22.8
	.90	22.860
	.90157	22.9
	.90551	23.0
29/32	.90625	23.0188
	.90945	23.1
	.91	23.114
	.91338	23.2
	.91732	23.3
	.92	23.368
	.92126	23.4
59/64	.92188	23.4156
	.92520	23.5
	.92913	23.6
	.93	23.622
	.93307	23.7
	.93701	23.8
15/16	.93750	23.8125
	.94	23.876
	.94094	23.9
	.94488	24.0
	.94882	24.1
	.95	24.130
	.95275	24.2
61/64	.95313	24.2094
	.95669	24.3
	.96	24.384
	.96063	24.4
	.96457	24.5
	.96850	24.6
31/32	.96875	24.6062
	.97	24.638
	.97244	24.7
	.97638	24.8
	.98	24.892
	.98031	24.9
	.98425	25.0

INCHES FRACT.	INCHES DECIMALS	MM
63/64	.98438	25.0031
	.98819	25.1
	.99	25.146
	.99212	25.2
	.99606	25.3
1"	1.00000	25.4000
1 1/4	1.25	31.75
1 1/2	1.50	38.1
1 3/4	1.75	44.45
2"	2.000	50.8
2 1/2	2.5	63.5
3"	3.000	76.2
3 1/2	3.5	88.9
	3.937	100.00
4"	4.000	101.6
4 1/2	4.5	114.3
5"	5.000	127.0
6"	6.000	152.4
7"	7.000	177.8
8"	8.000	203.2
8 1/2	8.5	215.9
9"	9.000	228.6
10"	10.000	254.00
11"	11.000	279.4
12"	12.000	304.8

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Saw & Sander Blades	20
Tweezers	
Display Assortments & Sets	7
Dumont or Swiss Pattern	7
Non-Magnetic (Electronic)	7
Industrial	7
Vacu Base	21
Vernier Calipers	13
V-Blocks & Clamps	16
Vises	
Hand	23
Pin, Double End	7
Pin, Single End	7
Pin, Swivel Head	7
Vacu-Vises, Portable	21
Vacu-Vises, Swivel-Tilt	21
Web Clamps	23
Welding Links, Magnetic	1
Wiggler (or Center Finder)	15
Wing Dividers	15, 23
Wire Strippers	18
Wood Chisels	24
Work Holder	19
Wrenches	
Hexagon	6
Tap, T-Handle	5
Tap, Straight	6
Work Positioners, Magnetic	2

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